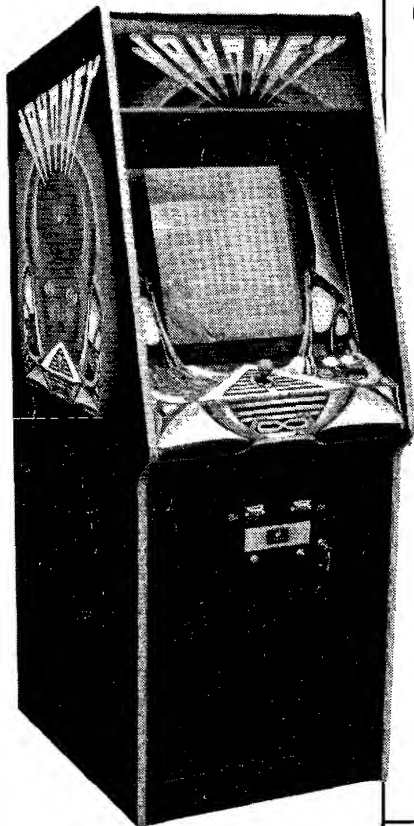
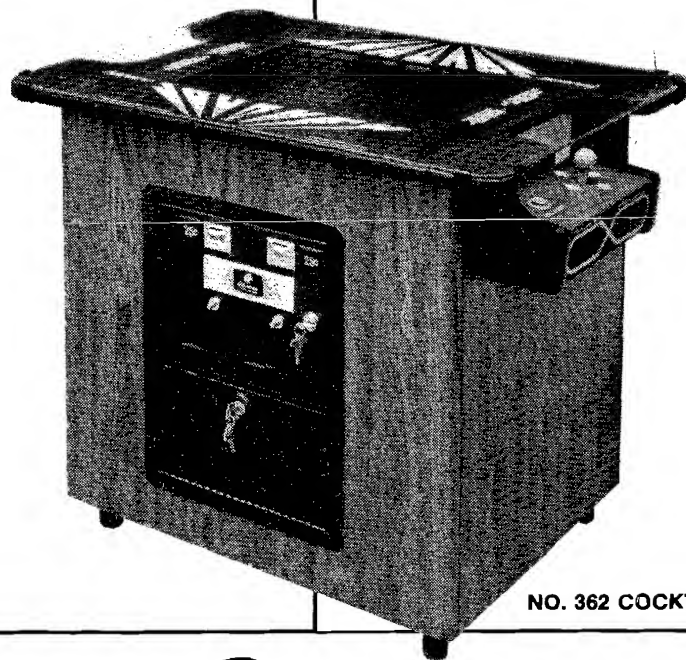


Parts and Operating Manual



NO. 358 UPRIGHT



NO. 362 COCKTAIL

Bally

MIDWAY MFG. CO.

10601 W. Belmont Avenue
Franklin Park, Illinois 60131
U.S.A.



Phone: (312) 451-9200 Cable Address: MIDCO Telex No.: 72-1596

WARNING

**THIS GAME MUST BE GROUNDED. FAILURE TO DO SO MAY
RESULT IN DESTRUCTION TO ELECTRONIC COMPONENTS.**

WARNING: This equipment generates, uses, and can radiate radio frequency energy and if not and used in accordance with the instructions manual, may cause interference to radio communications. It has been tested and found to comply with the limits for a CLASS A computing device pursuant to SUBPART J of PART 15 of FCC RULES, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.

ELECTRICAL BULLETIN: FOR ALL APPARATUS COVERED BY THE CANADIAN STANDARDS ASSOCIATION (CSA) STANDARD C22.2 NO. 1, WHICH EMPLOYS A SUPPLY CORD TERMINATED WITH A POLARIZED 2-PRONG ATTACHMENT PLUG.

CAUTION: TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

ATTENTION: POUR PREVENIR CHOCS ELECTRIQUES NE PAS UTILISER CETTE FICHE POLARISEE AVEC UN PROLONGATEUR. UNE PRISE DE COURANT OU UNE AUTRE SORTIE DE COURANT, SAUF SI LES LAMES PEUVENT ETRE INSEREES A FOND SANS EN LAISSER AUCUNE PARTIE A DECOUVERT.

***Bally*/MIDWAY**
T.M.

Invites You To Use

**OUR TOLL FREE NUMBERS FOR
SERVICE INFORMATION CONCERNING THIS GAME, OR ANY
OTHER BALLY/MIDWAY™ GAME YOU NOW HAVE ON LOCATION.**

**CALL US FOR PROMPT, COURTEOUS
ANSWERS TO YOUR PROBLEMS.**

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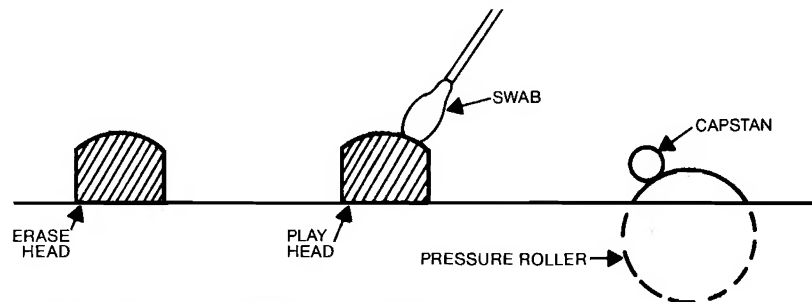
Printed in U.S.A.

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CASSETTE PLAYER MAINTENANCE

PERIODIC CLEANING OF THE HEADS, CAPSTAN, AND PRESSURE ROLLER IS NECESSARY FOR GOOD SOUND QUALITY. (BUILD-UP OF IRON OXIDE PARTICLES WILL CAUSE DISTORTED SOUND.)



TO MAINTAIN THE CASSETTE PLAYER:

1. REMOVE THE TOP FRONT CLAMPING BRACKET (4 SCREWS).
2. EJECT THE CASSETTE BY PRESSING THE "STOP-EJECT" BUTTON TWICE.
3. CLEAN THE HEADS, CAPSTAN, AND PRESSURE ROLLER WITH A SMALL COTTON SWAB THAT HAS BEEN DIPPED IN HEAD CLEANER SOLUTION OR ALCOHOL. AS AN ALTERNATE, A HEAD CLEANER CASSETTE TAPE MAY ALSO BE USED. HEAD CLEANING TAPES AND SOLUTIONS ARE AVAILABLE IN LOCAL RECORD SHOPS.

CAUTION: NEVER USE ANY METAL OBJECT ON OR NEAR THE HEADS. DO NOT ALLOW ANY CLEANING MATERIAL TO FALL INTO THE PLAYER'S MECHANISM.

4. DO NOT ADJUST THE VOLUME CONTROL—IT HAS BEEN SET AT THE FACTORY.
5. REPLACE THE CASSETTE. HEED THE WARNING LABEL. THE CASSETTE MUST BE PLACED INTO THE CASSETTE COMPARTMENT WITH THE BALLY-MIDWAY IDENTIFICATION LABEL SIDE UP. IT WILL NOT WORK IF INSERTED INTO THE CASSETTE COMPARTMENT UP-SIDE-DOWN.
6. PRESS THE PLAY BUTTON (MARKED ►) UNTIL IT STAYS LATCHED IN THE DOWN POSITION.
7. IF PLAYER WAS REMOVED FROM CABINET, BE SURE TO RECONNECT THE EXTERNAL POWER AND SPEAKER JACKS TO THE SAME RECEPTACLES FROM WHICH YOU REMOVED THEM.
8. REINSTALL THE CLAMPING BRACKET (4 SCREWS).

NOTE: THE TAPE PLAYER MUST ALWAYS BE OPERATED IN THE HORIZONTAL POSITION ONLY!!

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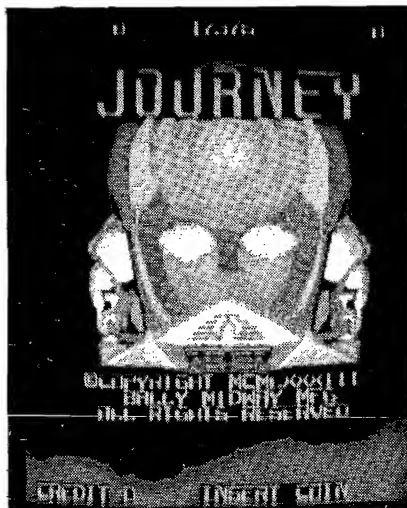
Journey

I. Game Operation

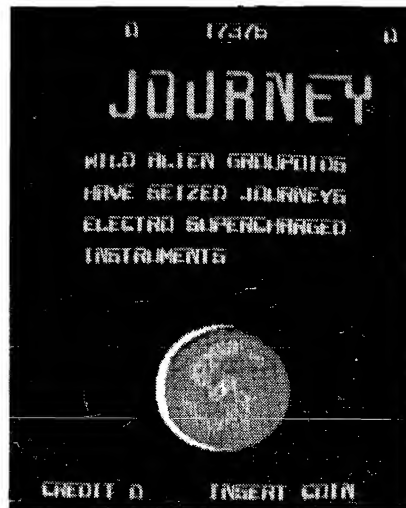
ATTRACT MODE

1. The Attract mode starts:

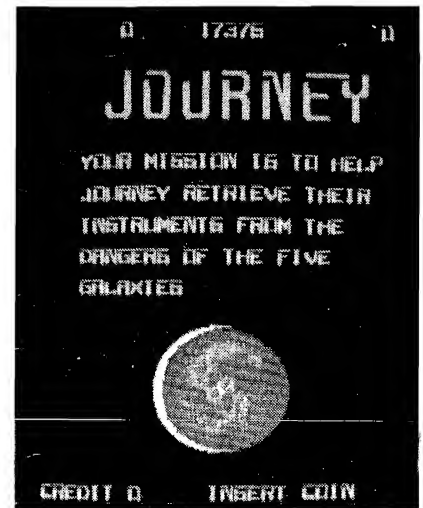
- ☐ Just after power has been turned on to the game. (Self-Test switch is in the "OFF" position.
- ☐ After a Self-Test has been completed and there are no more credits left in the games memory.
- ☐ After a play has been finished, the score was not high enough to put the game into the High Score/Initial mode, and there are no more credits left in the games memory.
- ☐ After the High Score/Initial mode when there are no more credits left in its memory.
- ☐ In the Attract mode, the game will give the following displays **centered** on the monitor screen:



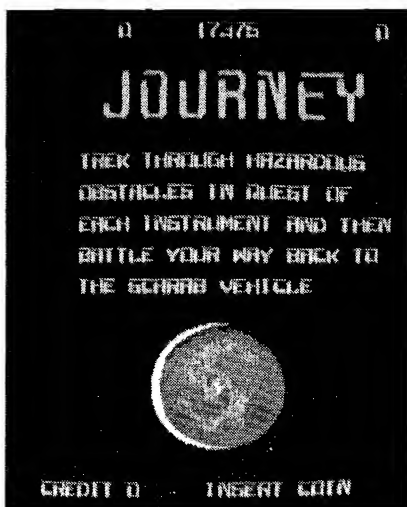
Attract Mode Display 1



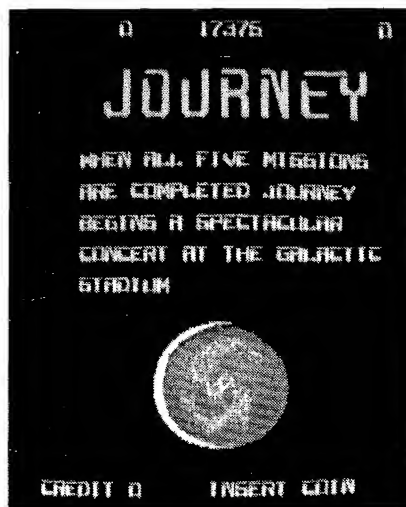
Attract Mode Display 2



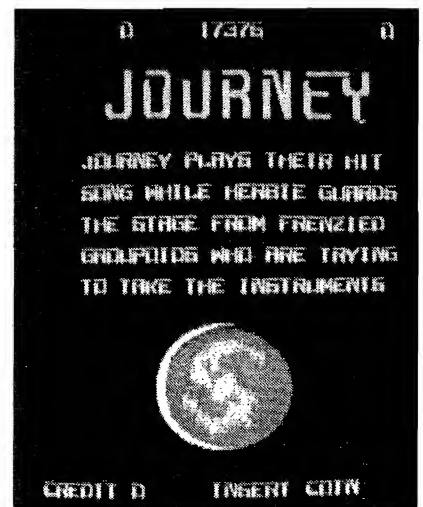
Attract Mode Display 3



Attract Mode Display 4



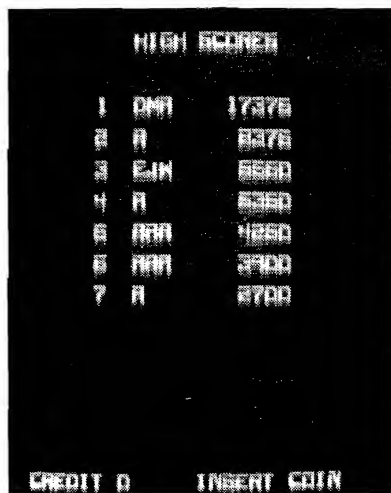
Attract Mode Display 5



Attract Mode Display 6



Attract Mode Display 7



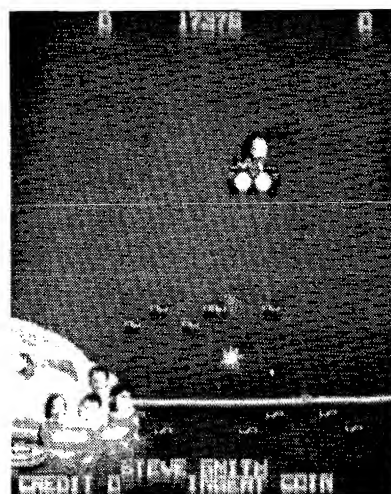
Attract Mode Display 8



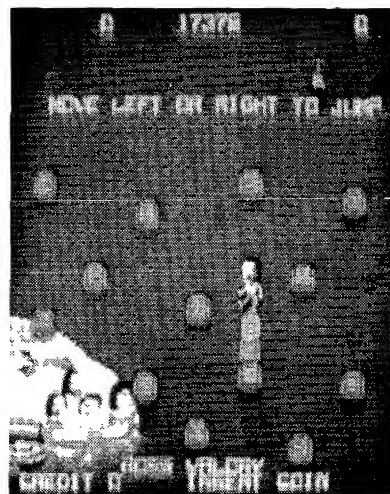
Attract Mode Display 9



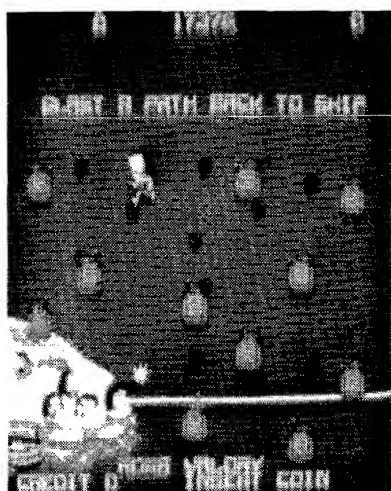
Attract Mode Display 10



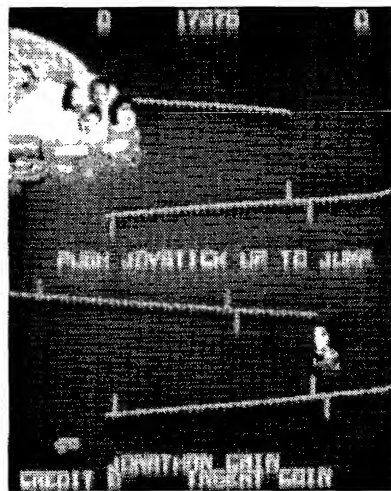
Attract Mode Display 11



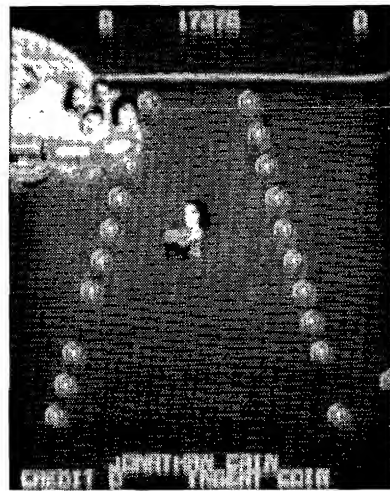
Attract Mode Display 12



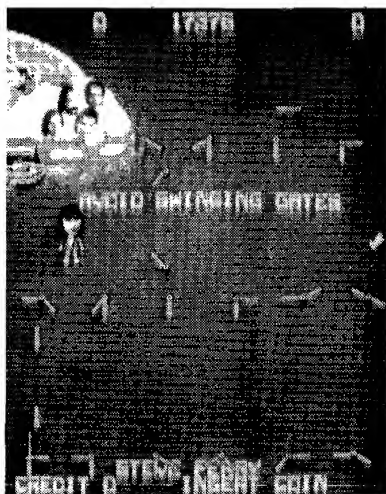
Attract Mode Display 13



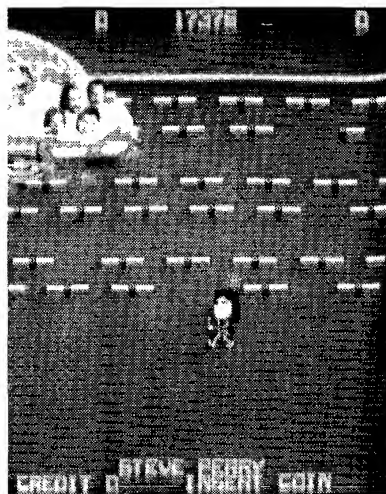
Attract Mode Display 14



Attract Mode Display 15



Attract Mode Display 16

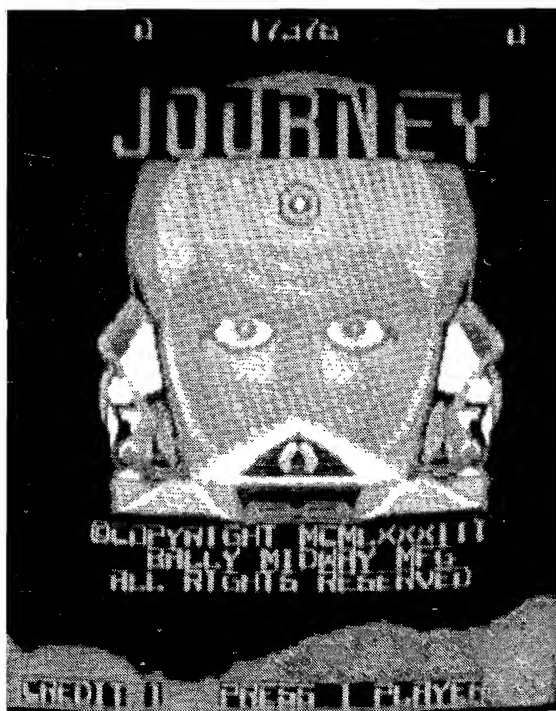


Attract Mode Display 17

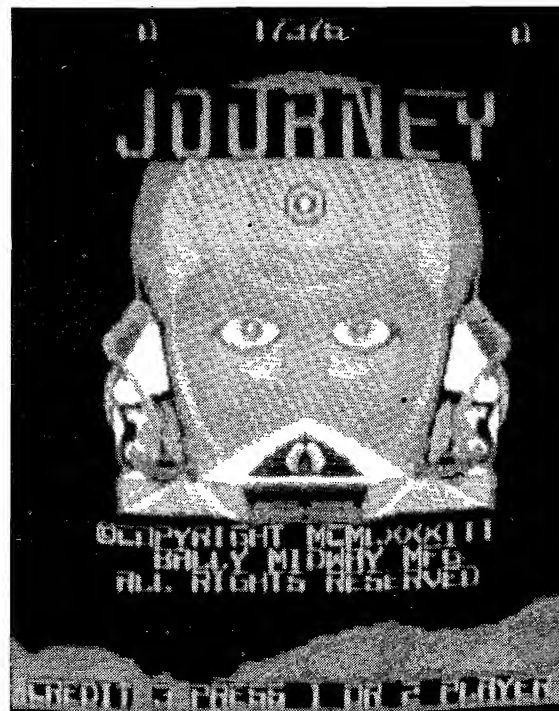
- No matter where the game is in the Attract mode sequence, it will immediately add the words "CREDIT ____" and "PRESS 1 OR 2 PLAYER" to the bottom of this display and all other displays in the Attract mode sequence. These words will remain at the bottom of these displays in the Attract mode sequence until the "1 PLAYER" or the "2 PLAYER" start button is pressed.

READY-TO-PLAY MODE

1. The Ready-To-Play mode starts when enough coins have been accepted for a 1 or a 2 player game.
2. The Ready-To-Play mode ends when either the "1 PLAYER" or "2 PLAYER" push button is pressed.
3. In the Ready-To-Play mode, the game will give the below modified displays **centered** on the monitor screen:
4. If no START button is pressed, the displays will remain modified indefinitely as shown below.



Ready-To-Play Mode 1



Ready-To-Play Mode 2

PLAY MODE

1. The Play mode begins when either the "1 PLAYER" or the "2 PLAYER" START button is pressed.
2. The Play mode ends when all of your performers have been eliminated. When this happens, "GAME OVER" is written across the center of the monitor screen.

3. **ON THE SCREEN:** The game is made up of groups of 5 sequences for each rack. When play begins, all the performers run onto the screen and jump aboard their transport ship. The transport ship then lifts off and heads for a point in space that is at the center of a grouping of five planets. Each group members instrument is on a different planet.

At the beginning of each sequence, when a "2 PLAYER" game has been selected, the game tells which player is up.

Also indicated in each sequence of each rack is the number of players (1 or 2), a running total of the players score(s), and the highest game score to date.

4. **PLAY BEGINS:** From this point, the player has approximately 10 seconds to decide which planet he wants to take the transport ship to (which performers instrument he wants to retrieve). The transport ship is guided to the planet of your choice by using the control stick to direct its movement.
5. **OBSTACLES:** On each planet there are various obstacles that must be overcome in order for that particular performer to retrieve his instrument and make his way back to the transport ship.

1st PLANET: The performer must pass between the turnstiles without touching them, get his instrument, and shoot his way back to the transport ship.

2nd PLANET: Here the performer must leap onto the elevating pedestals, timing his ascent to grab his instrument as it passes by him at the top of the screen, and shoot his way back to the transport ship.

3rd PLANET: Here, the performer must leap the moving conveyor belt ridges without being touched to reach his instrument and then must shoot his way back to the transport ship.

4th PLANET: With his jet pack, the performer must traverse the dangerous passages in this cavern to finally retrieve his instrument and then fight his way back to the transport ship.

5th PLANET: The performer must jump from drum-head to drum-head, landing on all of them at least once in order to reach his instrument.

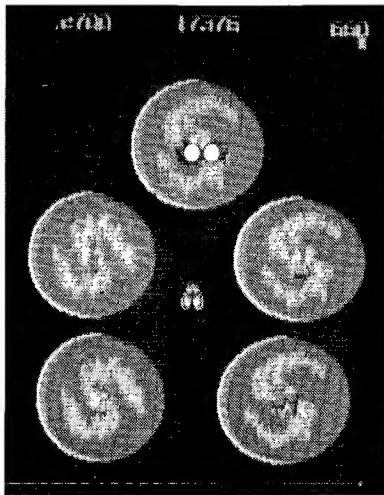
He then must shoot his way back to the transport ship.

6. **PERFORMERS:** When on each of the five planets, the performers movements are controlled by the control stick on the games control panel. They can basically move in any direction.
7. **ALL INSTRUMENTS RETRIEVED:** All the performers now move to a stage and give a performance of their latest hit blockbuster. They will play as long as the bouncer (controlled by the player) can keep the excited fans from overrunning the stage. When this happens, play starts all over again in the next rack which will be more difficult to complete. The performers all have to retrieve their instruments again.
8. **SEQUENCES:** Play ends in any particular sequence when one of 3 things happens.
 - a. The performer has a mishap and falls to the bottom of the screen.
 - b. The performer retrieves his instrument and shoots his way back to the transport ship.
 - c. The excited fans storm the stage (play advances to the next rack of 5 sequences).
9. **MISHAP:** Play will begin again (if you have reserve performers left) in space, all performers are in the transport ship, and the player has approximately 10 seconds to pick the next planet he wants to try.

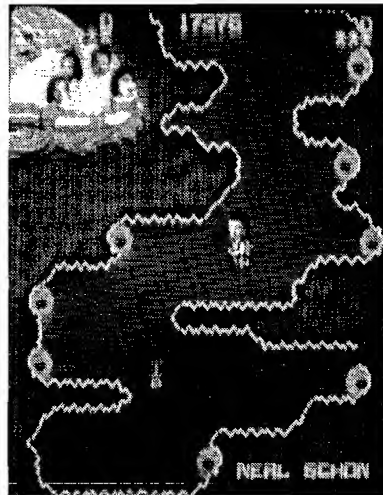
NOTE: You **cannot** pick a planet where the performer has already retrieved his instrument. These planets are indicated to the player by a wavy white ring around them.

If there are no more reserve performers left, "GAME OVER" is written across the screen.

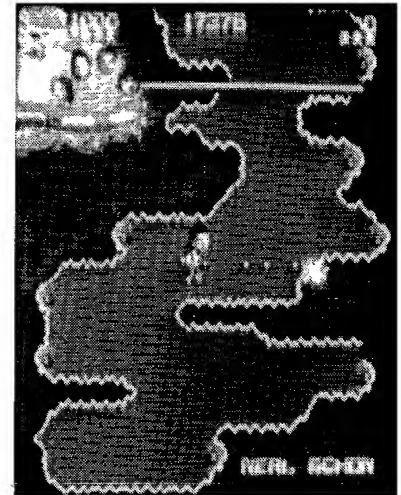
10. **TRANSPORT SHIP:** Your **ship** can move in **any direction** on the screen. Its movements are controlled by the control stick on the games control panel.
11. **FIRE CONTROL BUTTONS:** These control the rate of fire of your performer in; either left, right, up, or down directions (certain performers can only fire in certain directions). There are two fire control buttons on the Upright models to allow both left and right handed persons to play the game easily.
12. **CONTROL STICK:** By using the control stick you can position the transport ship/performer at any location you desire on the screen.
13. **BONUS PERFORMERS:** These can be awarded to the player as he reaches or passes certain preselected point values. This feature is adjustable by the games Owner/Operator.
14. **GAME ENDS:** When your last performer is eliminated. "GAME OVER" is written across the monitor screen.



Play Mode Display 1



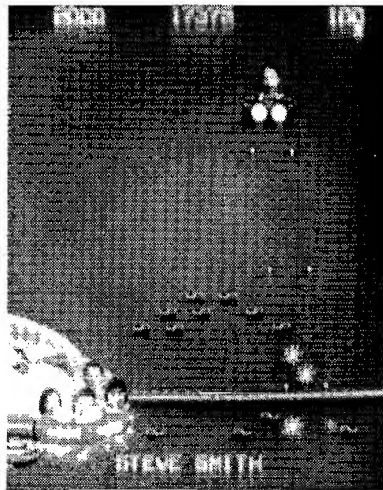
Play Mode Display 2



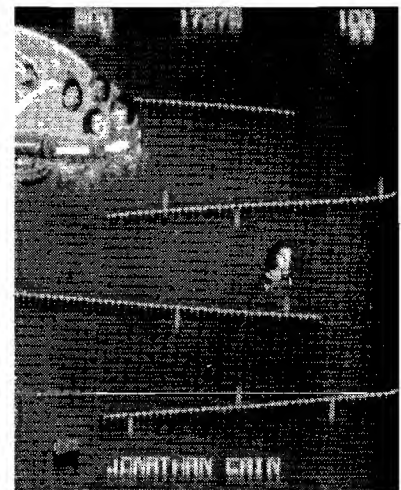
Play Mode Display 3



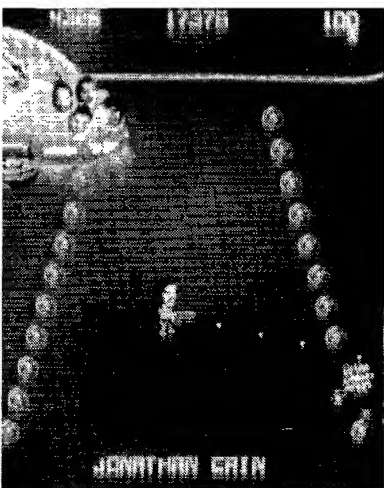
Play Mode Display 4



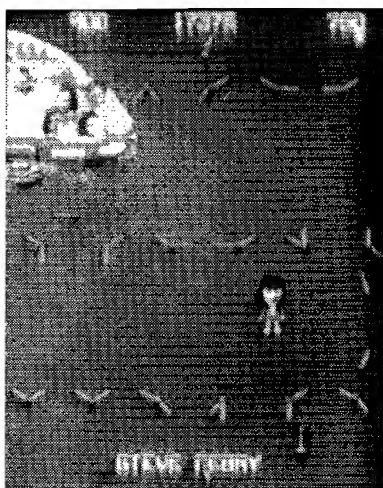
Play Mode Display 5



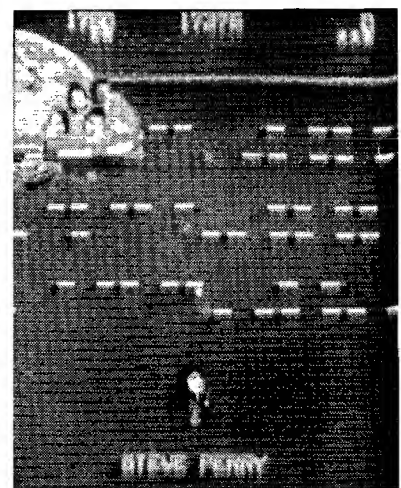
Play Mode Display 6



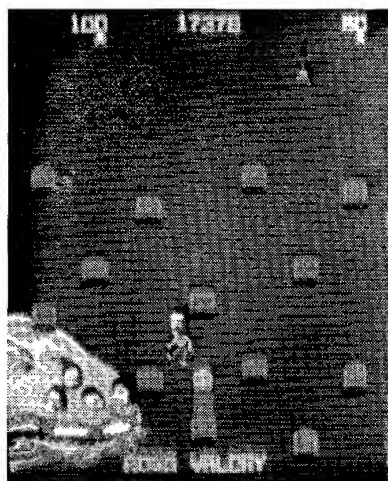
Play Mode Display 7



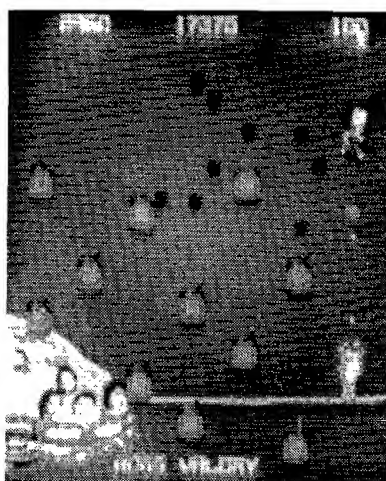
Play Mode Display 8



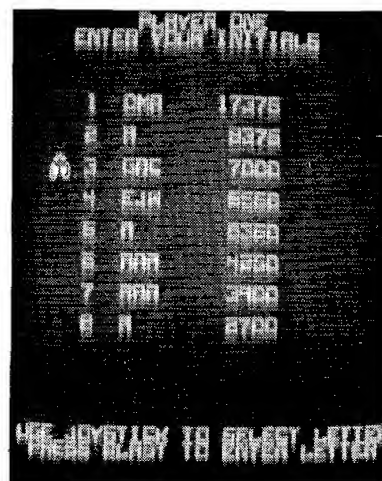
Play Mode Display 9



Play Mode Display 10



Play Mode Display 11



High Score/Initial Mode Display

15. **HIGH SCORE/INITIAL MODE:** If your score was high enough to become one of the ten best scores, the game will go into the High Score/Initial mode immediately after the above display. If your score is not high enough to cause the game to go into the High Score/Initial mode, it will either go to the Attract mode (if there are no more credits left in its memory) or into the Ready-To-Play mode (if there are still credits left in its memory). In the High Score/Initial mode, the game gives a display which looks like that shown in the above right figure.

Follow the ON-SCREEN instructions to enter your initials next to your score in the league of the best ten players to date.

When you've printed out your last initial, move the cursor opposite the "END" word and activate the same control you did to enter your initials. This tells the game you are through printing out your initials. The game will then give the following **rankings** display showing your score opposite your ranking and your initials. See Figure below.



Rankings Display

NOTE: If you don't tell the game you are through printing out your initials as instructed above, the game will automatically go into the **rankings** display after a short wait.

After the High Score/Initial mode, the game will either go to the Attract mode (if there are no more credits left in its memory) or into the Ready-To-Play mode (if there are still credits left in its memory).

16. Most of the above holds true in the "2 PLAYER" mode also. But there are a few minor differences.

TWO PLAYER OPERATION

The Upright and Cocktail Table models all have two player operation.

In the two player mode, the rules of play are the same as in the single player mode. There are some additional rules, however:

1. In the Upright models, the players must take turns at the controls.
2. In the Cocktail Table model, each player has his own set of individual controls. The picture will flip to face you when it is your turn. (When it is not your turn, your set of controls will have **no** effect on the game.)
3. Your turn lasts until your performer is eliminated. At this point, the game will do one of several things depending on whether or not the eliminated performer was your last or if you still have others remaining in reserve.

ELIMINATED PERFORMER - OTHERS REMAINING IN RESERVE

- ❑ The game stops and "PLAYER ____" is displayed on the screen.
- ❑ Next, the other players planets and transport ship appear on the monitor screen and game play begins for the other player.

ELIMINATED PERFORMER - NO OTHERS REMAINING IN RESERVE

- ❑ Game displays: "PLAYER ____" "GAME OVER" on the monitor screen.
- ❑ Next, the other players planets and transport ship appear on the monitor screen and game play begins for the other player.
- ❑ After the last players last performer is eliminated, and if either or both scores were high enough, it goes into the High Score/Initial mode.

If neither players score was high enough to cause the game to go into the High Score/Initial mode, the game will either go to the Attract mode (if there are no more credits left in its memory) or into the Ready-To-Play mode (if there are still credits left in its memory).

RACK ADVANCE

Your **new** game is equipped with a RACK ADVANCE feature that can allow you to view and/or play the higher racks for test purposes. It is activated in the following manner:

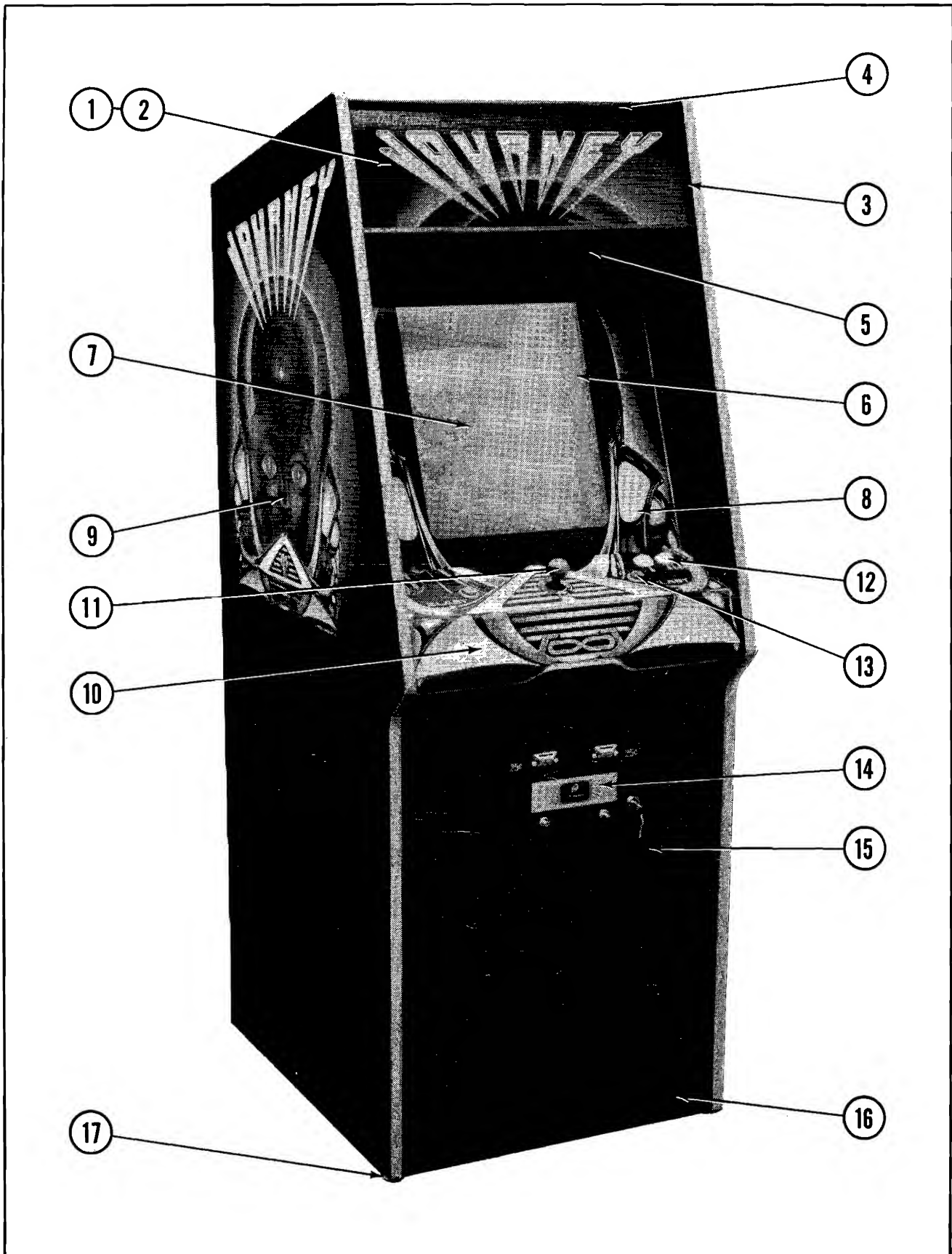
1. Turn the power to the game on.
2. Open the coin door.

NOTE: COCKTAIL TABLE MODELS ONLY - gently pull out the plunger on the Safety Interlock Switch located just inside the coin door.

3. Using the Test Credit Button, put a credit on the game.
4. Press the "1 PLAYER" start button.
5. **Immediately** set the games Self-Test switch to the "ON" position.
6. By pressing **both** the "1 PLAYER" and "2 PLAYER" start buttons at the **same** time (ONLY WHEN THE TRANSPORT SHIP IS IN THE CENTER OF THE 5 PLANETS), the game will advance to the next rack.
7. When finished, set the Self-Test switch back to the "OFF" position, and close and lock the coin door.

II. Illustrated Parts Breakdown

NO. 358—JOURNEY UPRIGHT—FRONT

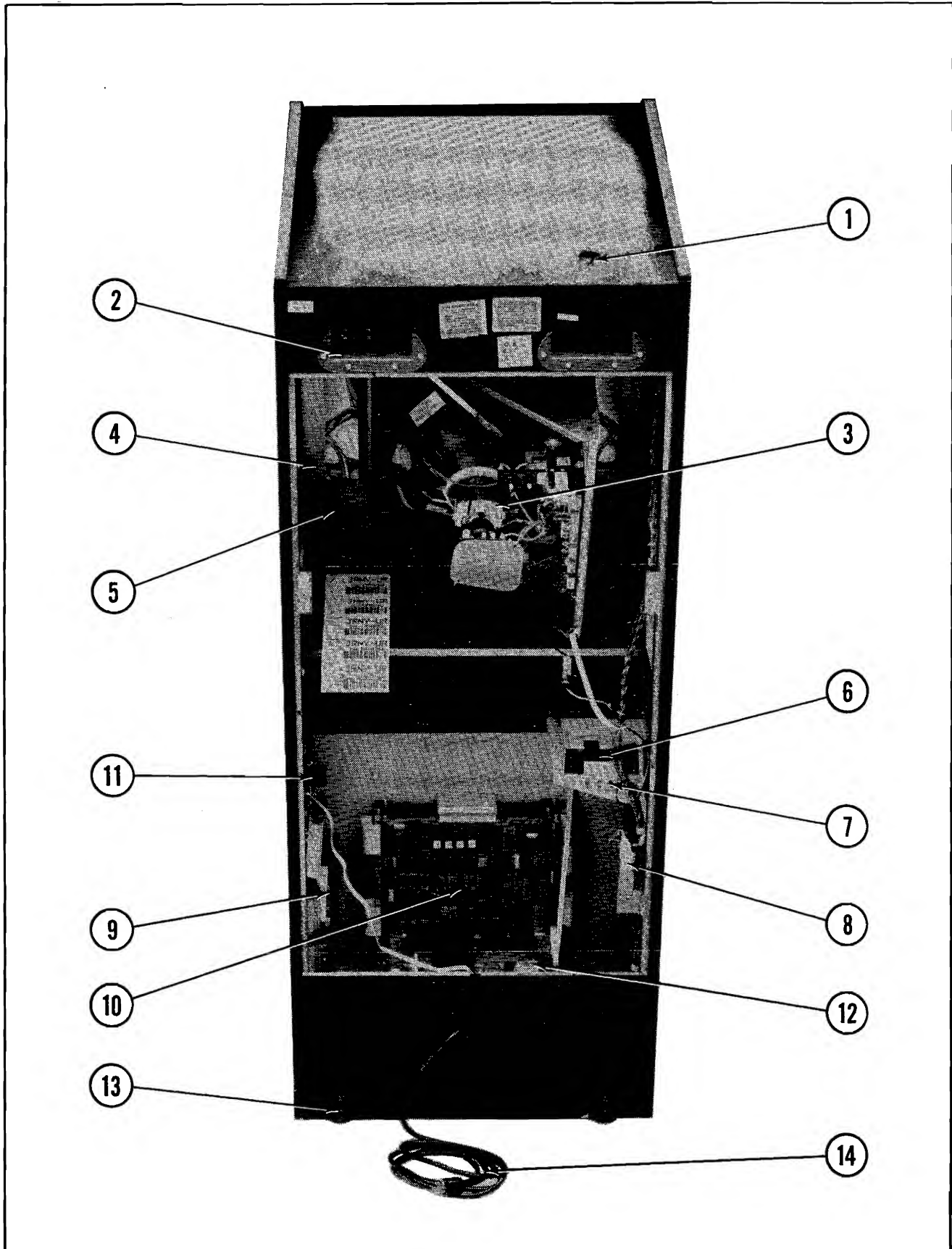


NO. 358—JOURNEY UPRIGHT—FRONT—PARTS LIST

ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
1	0358-00900-00XF	DECORATIVE HEADER - 23"x8½"x3/16"
2	A595-00011-0000	HEADER FLUOR. LIGHT ASSY.
3	0537-00903-0064	GLASS CHANNEL - 6⅞" (2 REQ'D.)
4	0574-00903-0100	HEADER RETAINING BRKT. (2 REQ'D.)
	0017-00101-0138	#8x⅝ TORX TAMPER RESISTANT SCREW (10 REQ'D.)
	0017-00009-0522	LONG ARM KEY T—20 (FOR ABOVE SCREW)
5	0017-00009-0393	BLACK SPEAKER GRILL W/SLOTS (2 REQ'D.)
	0017-00003-0430	6"x9" SPEAKER—4OHM, 9W. (2 REQ'D.)
	0017-00101-0127	#8-32x1½ CARRIAGE BOLT (8 REQ'D.)
	0017-00103-0061	#8-32 HEX NUT W/SEMS (8 REQ'D.)
6	0557-00900-0000	T.V. BEZEL
7	0333-00902-0000	DIFFUSER PLEXI
	0508-00901-0000	PLEXI—GLASS MTG. CLIPS (4 REQ'D.)
	0017-00101-0017	#6x½ BLACK SLT. HEX HD. SCREW (4 REQ'D.)
8	0358-00901-00XF	MAIN VIEWING GLASS—23"x20⅞"x3/16"
9	0358-00903-0200	DECAL—LEFT SIDE
	0358-00903-0100	DECAL—RIGHT SIDE (NOT SEEN)
10	A358-00013-0000	OVERLAY—CONTROL SHELF PLATE ASSY.
	A358-00014-0000	CONTROL SHELF PLATE WELDMENT ASSY.
	0358-00902-0000	DECORATIVE CONTROL SHELF ASSY.
	0358-00101-0100	CONTROL SHELF MTG. BRKT.—RIGHT
	0358-00101-0200	CONTROL SHELF MTG. BRKT.—LEFT
	0555-00901-0000	PLASTIC LOCATING PIN (4 REQ'D.)
	0017-00009-0534	BASSICK CLAMP (3 REQ'D.)
	0017-00101-0141	#8x11/16 UNSLOT HEX HD. SCREW (10 REQ'D.)
	0639-00924-0000	CONTROL SHELF STRAP
11	A982-00017-0000	CONTROL ASSEMBLY
	A303-00010-0000	CONTROL SHELF CABLE ASSY.
12	0017-00042-0260	PUSH BUTTON ASSY.—WHITE (2 REQ'D.)
13	0017-00042-0256	PUSH BUTTON ASSY.—RED (2 REQ'D.)
	0017-00032-0093	PUSH BUTTON SWITCH W/HOLDER (4 REQ'D.)
	0017-00103-0054	⅝-11 PAL NUT (4 REQ'D.)
14	A090-00300-11BK	U.S.A. 25¢ DOUBLE COIN DOOR ASSY.
	A982-00015-0000	COIN DOOR CABLE ASSY.
15	0090-00002-04BK	LARGE COIN DOOR FRAME
	0017-00101-0121	#6-32x5/16 PHIL. TRS. HD. SCR. (3 REQ'D.) (MOUNTS COIN DOOR TO FRAME)
16	0935-00906-0100	KICK PLATE—23" LG.
17	0017-00102-0048	⅝-16x2" LEG LEVELERS (4 REQ'D.)
	0017-00103-0026	⅝-16 LEG LEVELER HEX NUTS (4 REQ'D.)

NO. 358—JOURNEY UPRIGHT—REAR ACCESS



NO. 358—JOURNEY UPRIGHT—REAR ACCESS—PARTS LIST

ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
1	A945-00038-0000	ON—OFF SWITCH & PLATE ASSY.
2	0894-00916-0000	PLASTIC PULL & VENT (2 REQ'D.)
	0017-00101-0141	#8x11/16 UNSLOT HEX HD. M.S. (8 REQ'D.)
3	0017-00003-0339	ELECTROHOME—19" COLOR DUAL SYNC. HORIZ. MTG. MONITOR (OR)
3	0017-00003-0439	WELLS—GARDNER—19" COLOR DUAL SYNC. HORIZ. MTG. MONITOR (OR)
3	0017-00003-0454	ZENITH—19" COLOR DUAL SYNC. HORIZ. MTG. MONITOR
4	0349-00101-0000	MONITOR SUPPORT RAIL (2 REQ'D.)
	0555-00901-0000	PLASTIC LOCATING PIN (4 REQ'D.)
	0017-00101-0141	#8x11/16 UNSLOT HEX HD. M.S. (8 REQ'D.)
5	0349-00100-0000	MONITOR MTG. ANGLE BRKT. (2 REQ'D.)
	0017-00101-0082	#10x $\frac{3}{4}$ UNSLOT HEX HD. BOLT (4 REQ'D.)
	0017-00104-0011	#10 EXT. WASHER (4 REQ'D.)
	0017-00101-0144	#10-24x $\frac{5}{8}$ SLT. HEX W/WASHER SCR. (4 REQ'D.)
6	0017-00009-0543	CASSETTE TAPE RECORDER
	0017-00003-0482	POWER PLUG
	0358-00904-0000	RECORDED AUDIO CASSETTE
7	A358-00015-0000	WELDED SUPPORT BRKT. ASSY.
	0358-00103-0000	RECORDER CLAMPING BRKT.—REAR
	0358-00104-0000	RECORDER CLAMPING BRKT.—FRONT
	0017-00101-0141	#8x11/16 UNSLOT HEX HD. M.S. (16 REQ'D.)
8	A088-00016-0000	INTERLOCK SWITCH & SPRING BRKT. ASSY.
	0303-00904-0000	INTERLOCK SWITCH COVER
9	A082-90412-D000	POWER SUPPLY P.C. BOARD ASSY.
	0624-00902-0100	P.C. SUPPORT BRKT.—12" LG. (2 REQ'D.)
	0624-00902-0500	P.C. SUPPORT BRKT.—6 $\frac{1}{2}$ " LG. (2 REQ'D.)
	0317-00102-0000	P.C. MTG. BRACE BRKT. (4 REQ'D.)
	0017-00101-0141	#8x11/16 UNSLOT HEX HD. M.S. (10 REQ'D.)
	0017-00104-0037	#8 FLAT WASHER (10 REQ'D.)
10	A358-00018-0000	CARD RACK ASSY. W/BOARDS
	A084-90913-A358	SOUND P.C. BRD. ASSY.
	A639-00060-0000	SHIELD & BARRIER ASSY.
	0017-00101-0134	#6-32x $\frac{1}{4}$ PHIL. RND. HD. M.S. (4 REQ'D.)
	A084-91475-A358	SUPER C.P.U. P.C. BRD. ASSY.
	A358-00016-0000	SHIELD & SPACER ASSY.—INNER
	A084-91464-A358	SUPER VIDEO P.C. BRD. ASSY.
	A358-00017-0000	SHIELD & SPACER ASSY.—OUTER
	0017-00101-0153	#6-32x1" PHIL. PAN HD. M.S. (8 REQ'D.)
11	A084-91496-B000	DUAL POWER AMP. P.C. BOARD ASSY.
12	A945-00020-0000	POWER CHASSIS ASSY.—125VA, 115V.
13	A961-00007-0000	CASTER ASSEMBLY (2 REQ'D.)
14	A945-00019-0000	LINE CORD ASSY.

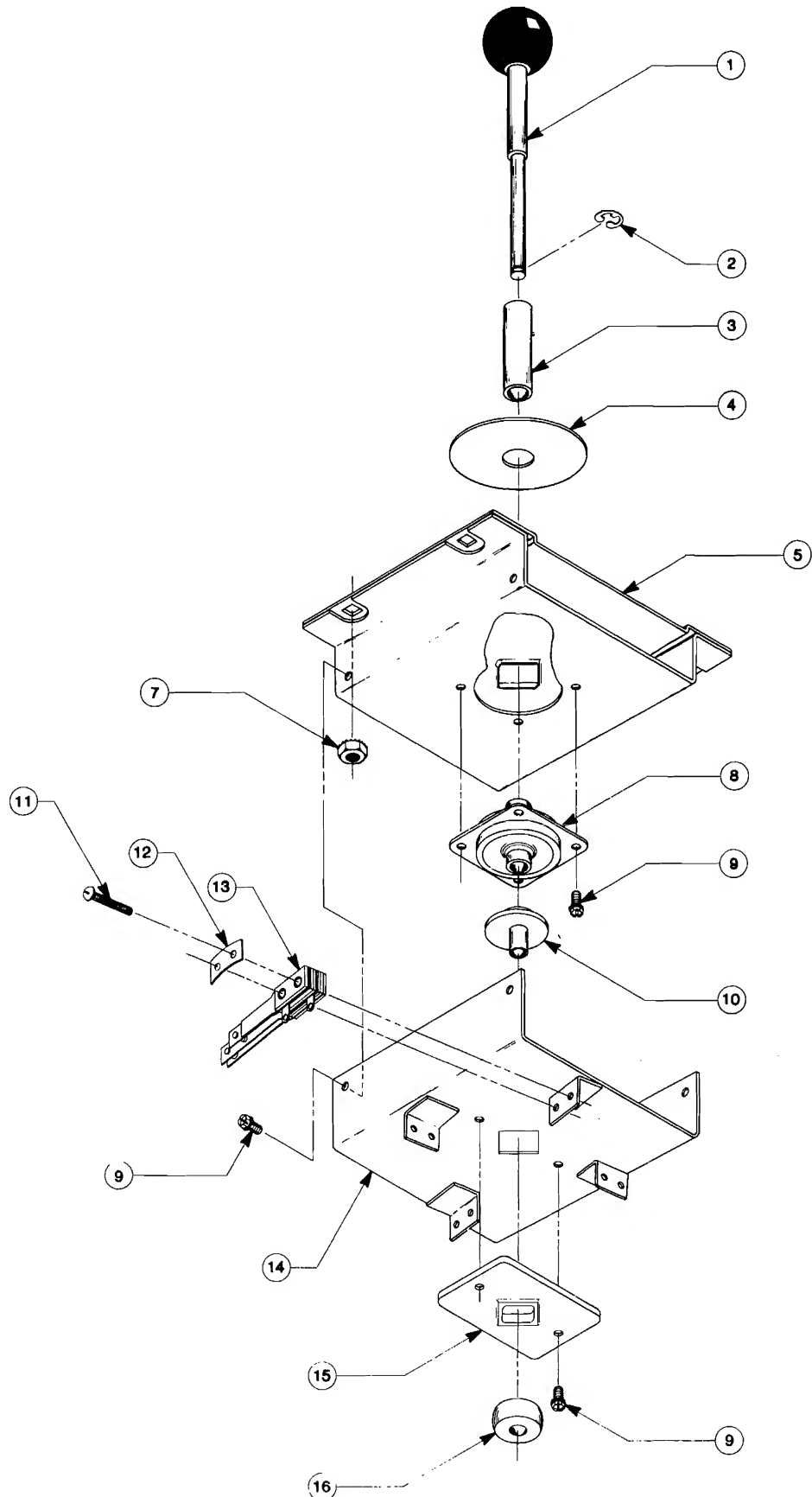
NO. 358—JOURNEY UPRIGHT—REAR ACCESS—PARTS LIST (Continued)*ORDER BY PART NUMBER ONLY*

ITEM	PART NO.	DESCRIPTION
		ADDITIONAL PARTS LIST
	A950-00004-0000	COIN BOX ASSY.
	A950-00006-0000	WIRE COIN BOX CRADLE ASSY.
	0950-00105-0000	COIN BOX COVER
	0950-00104-0000	COIN BOX HANDLE
	0950-00101-00XF	COIN DEFLECTOR
	0950-00900-0000	LARGE PLASTIC COIN BOX
	0950-00103-0000	COIN BOX DIVIDER—OPTIONAL
	0017-00101-0142	1/4-20x1 3/8 BLACK RND. HD. BOLT (4 REQ'D.)
	0017-00104-0014	7/8" DISH WASHER (4 REQ'D.)
	0017-00103-0018	1/4-20 HEX NUT (4 REQ'D.)
	A097-00009-0000	BACK DOOR LOCK ASSY.
	0017-00009-0490	5 5/8" SQR. BACK DOOR VENT GRILL (4 REQ'D.)
	A358-00008-0000	MASTER CABLE ASSY. W/BRKT.
	A358-00010-0000	HIGH VOLTAGE CABLE ASSY.
	A941-00008-0000	LOW VOLTAGE CABLE ASSY.
	A337-00018-0000	VIDEO CABLE ASSY.
	A337-00019-0000	AUDIO CABLE ASSY.

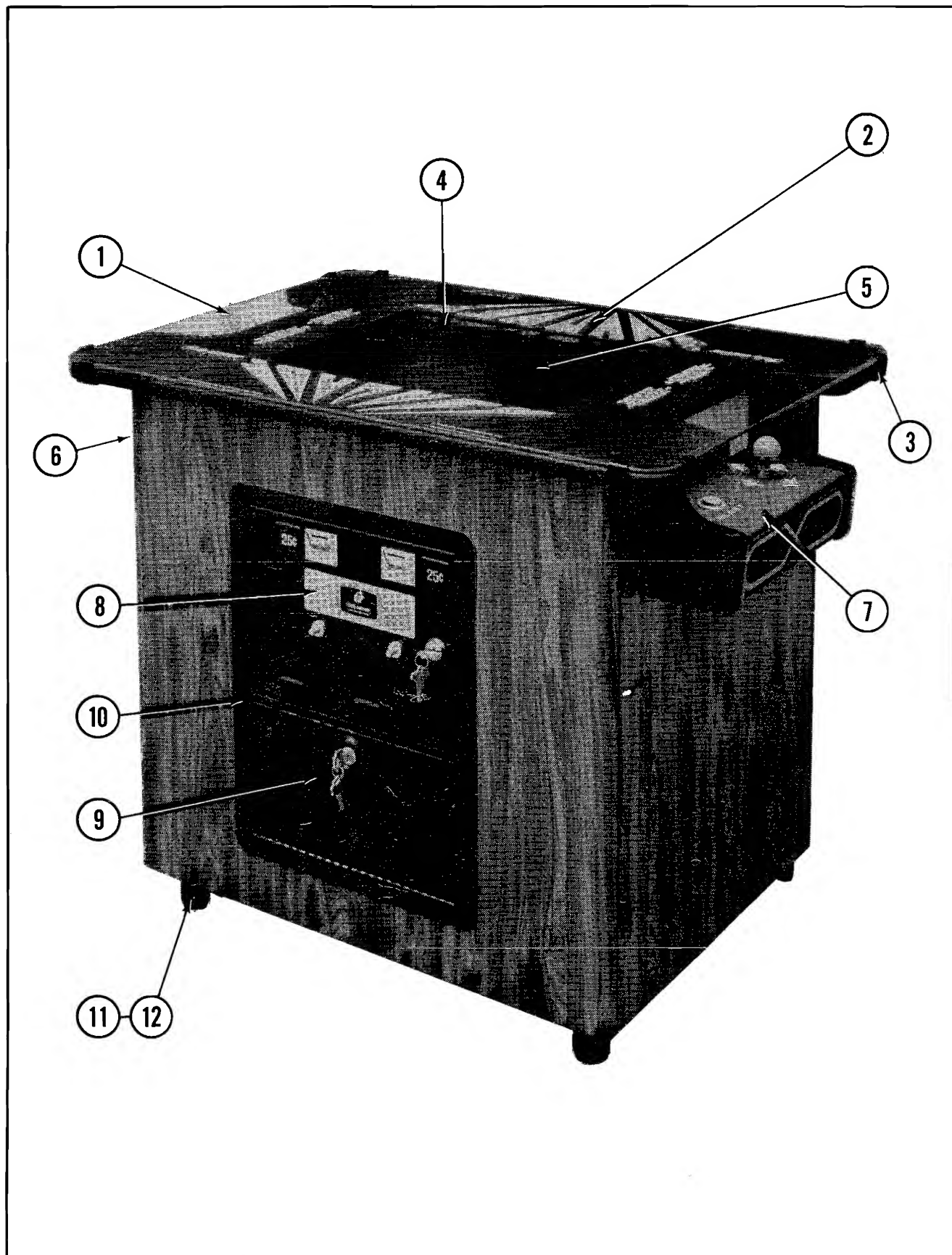
JOURNEY—CONTROL ASSEMBLY—ALL VERSIONS —PARTS LIST*ORDER BY PART NUMBER ONLY*

ITEM	PART NO.	DESCRIPTION
1	A932-00022-0000	BALL & SHAFT ASSEMBLY
2	0017-00100-0025	1/4 E-RING
3	0921-00702-0000	STOP SPACER
4	0921-00902-0000	SLIDE PLATE
5	A982-00019-0000	PIVOT PLATE WELD ASSY.
7	0017-00103-0061	#8-32 HEX NUT W/SEMS (4 REQ'D.)
8	0932-00902-0000	GROMMET
9	0017-00101-0598	#8-32x5/16 SLT. HEX HD. M.S. (10 REQ'D.)
10	0962-00904-0000	SLEEVE
11	0017-00101-0527	#5-40x5/8 SLT. RND. HD. SCR. (8 REQ'D.)
12	0020-00202-0000	SWITCH PLATE (4 REQ'D.)
13	A932-00009-0000	SWITCH ASSEMBLY (4 REQ'D.)
14	A316-00019-0000	STOP PLATE & SWITCH BRKT. ASSY.
15	0932-00905-0000	WEAR PLATE
16	0921-00700-0000	ACTUATOR

JOURNEY — CONTROL ASSEMBLY — ALL VERSIONS



NO. 362—JOURNEY COCKTAIL—FRONT

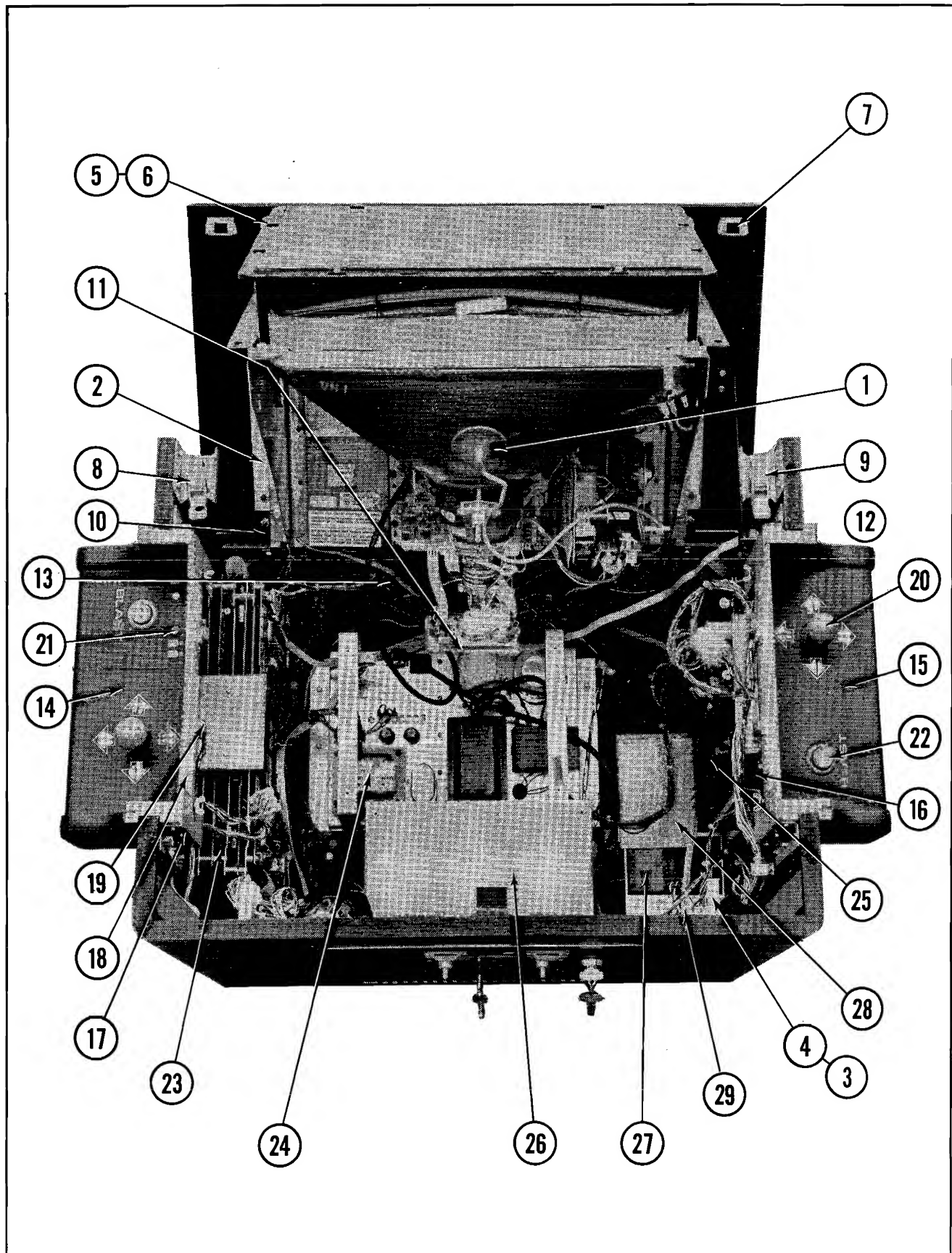


NO. 362—JOURNEY COCKTAIL—FRONT—PARTS LIST

ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
1	0311-00901-0000	COVER GLASS
2	0362-00903-0000	DECORATIVE ARTWORK UNDERLAY
3	0311-00101-00XF	CORNER GLASS CLIP (4 REQ'D.)
	0017-00101-0126	#10-32x $\frac{3}{4}$ HEX BUTTON HD. SCREW (4 REQ'D.)
4	0017-00042-0314	19" BEZEL - INJECTION MOLDED
	0311-00100-0000	BEZEL MTG. BRKT. (2 REQ'D.)
5	0333-00902-0000	DIFFUSER
	0508-00901-0000	PLEXI-GLASS MTG. CLIP (4 REQ'D.)
	0017-00101-0124	#6x $\frac{1}{4}$ UNSLOT. HEX HD. M.S. (4 REQ'D.)
6	A362-00004-0100	CONTROL SHELF ASSY. - PLYR. #1 (NOT SEEN)
7	A362-00004-0200	CONTROL SHELF ASSY. - PLYR. #2
8	A090-00300-11BK	U.S.A. 25¢ DOUBLE COIN DOOR ASSY.
	A982-00015-0000	COIN DOOR CABLE ASSY.
9	A090-00605-0000	COIN BOX DOOR & LOCK ASSY.
10	A090-00603-00XF	COIN DOOR FRAME ASSY.
	0017-00101-0121	#6-32x5/16 PHIL. TRS. HD. SCR. (4 REQ'D.) (MOUNTS COIN DOOR TO FRAME)
11	0311-00900-0000	LEG (4 REQ'D.)
	0017-00101-0769	#10x $\frac{3}{4}$ SLT. HEX HD. WOOD SCREW (20 REQ'D.)
12	0017-00102-0048	$\frac{3}{8}$ -16x2" LEG LEVELERS (4 REQ'D.)
	0017-00103-0026	$\frac{3}{8}$ -16 LEG LEVELER HEX NUTS (4 REQ'D.)

NO. 362—JOURNEY COCKTAIL—INTERIOR ACCESS



NO. 362—JOURNEY COCKTAIL—INTERIOR ACCESS—PARTS LIST

ORDER BY PART NUMBER **ONLY**

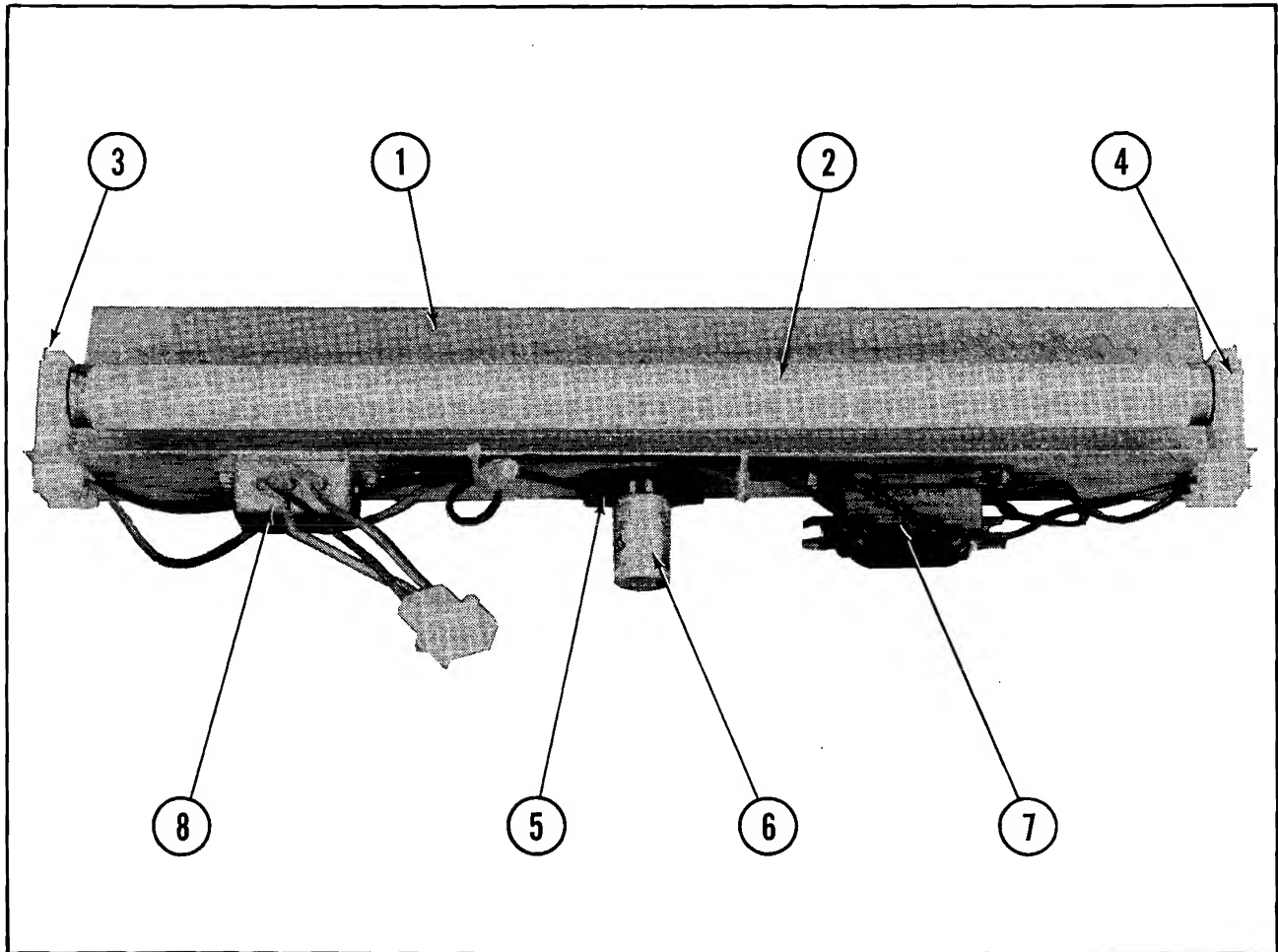
ITEM	PART NO.	DESCRIPTION
1	0017-00003-0339	ELECTROHOME—19" COLOR DUAL SYNC. HORIZONTAL MTG. MONITOR (OR)
1	0017-00003-0439	WELLS—GARDNER—19" COLOR DUAL SYNC. HORIZONTAL MTG. MONITOR (OR)
1	0017-00003-0454	ZENITH—19" COLOR DUAL SYNC. HORIZ. MTG. MONITOR
2	0311-00109-0000	HORIZONTAL MONITOR MTG. BRKT. (2 REQ'D.)
3	0610-00132-00ZN	STRIKE (2 REQ'D.) (NOT SEEN)
4	0017-00009-0534	BASSICK CLAMP (2 REQ'D.)
	0017-00101-0141	#8x11/16 UNSLOT HEX HD. M.S. (8 REQ'D.)
5	0311-00103-00XF	CATCH (2 REQ'D.)
	0017-00101-0141	#8x11/16 UNSLOT HEX HD. M.S. (6 REQ'D.)
6	0311-00104-00XF	CATCHER PLATE (2 REQ'D.)
7	0311-00106-0000	STRIKE—BACK PANEL (2 REQ'D.)
8	A311-00009-0100	CLAMP & BRKT. ASSY.—R.H.
9	A311-00009-0200	CLAMP & BRKT. ASSY.—L.H.
	0017-00101-0141	#8x11/16 UNSLOT HEX HD. M.S. (8 REQ'D.)
10	0311-00102-0000	SELF MORTISE HINGE (2 REQ'D.)
	0017-00101-0156	#10-32x1¼ BLACK RND. HD. CARRIAGE BOLT (8 REQ'D.)
	0017-00103-0081	#10-32 HEX NUT W/SEMS (8 REQ'D.)
11	0311-00902-0000	MONITOR SHIELD (NOT SEEN)
12	A311-00007-0000	LATCH SLIDE ASSY.
	0889-00112-0000	SLIDE CATCH
	0017-00101-0141	#8x11/16 UNSLOT HEX HD. M.S. (2 REQ'D.)
13	0017-00003-0430	6"x9" SPEAKER—4 OHM, 10W. (2 REQ'D.)
	0017-00009-0393	BLACK SPEAKER GRILL W/SLOTS (2 REQ'D.)
	0017-00101-0127	#8-32x1½ BLACK RND. HD. CARRIAGE BOLT (8 REQ'D.)
	0017-00103-0061	#8-32 HEX NUT W/SEMS (4 REQ'D.)
14	A362-00011-0100	DECORATIVE OVERLAY & PANEL ASSY.—PLYR. #1
	A362-00010-0000	CONTROL PANEL WELDMENT ASSY.
	0362-00900-0100	OVERLAY—PLAYER #1
15	A362-00011-0200	DECORATIVE OVERLAY & PANEL ASSY.—PLYR. #2
	A362-00010-0000	CONTROL PANEL WELDMENT ASSY.
	0362-00900-0200	OVERLAY—PLYR. #2
16	A362-00012-0000	BOTTOM PLATE & HINGE ASSY. (2 REQ'D.)
	0017-00101-0341	#6x¼ PHIL. TRS. HD. SCR. (6 REQ'D.)
	0017-00101-0141	#8x11/16 UNSLOT HEX HD. M.S. (18 REQ'D.)
17	0362-00100-0000	LOCATING BRKT. (4 REQ'D.)
	0017-00101-0141	#8x11/16 UNSLOT HEX HD. M.S. (20 REQ'D.)
18	0362-00901-0000	LIGHT SHIELD (2 REQ'D.)
	0017-00101-0740	#8-32x¾ WING SCREW (4 REQ'D.)
19	0017-00031-0044	WEDGE BASE LAMP SOCKET (4 REQ'D.)
	0017-00003-0219	#194 WEDGE BASE LAMP—14V., 27A. (4 REQ'D.)
	0017-00101-0555	#6-32x5/16 SLT. HEX HD. M.S. (4 REQ'D.)
20	A982-00017-0000	CONTROL ASSY. (2 REQ'D.)
	A317-00010-0100	CONTROL SHELF CABLE ASSY.—PLYR. # 1
	A317-00010-0200	CONTROL SHELF CABLE ASSY.—PLYR. #2
21	0017-00032-0106	PUSH BUTTON SWITCH (2 REQ'D.)
22	0017-00042-0256	PUSH BUTTON ASSY.—RED (2 REQ'D.)
	0017-00032-0093	PUSH BUTTON SWITCH W/HOLDER (2 REQ'D.)
	0017-00103-0054	5/8-11 PAL NUT (2 REQ'D.)

NO. 362—JOURNEY COCKTAIL—INTERIOR ACCESS—PARTS LIST (Continued)

ORDER BY PART NUMBER ONLY

23	A358-00018-0000 A084-90913-A358 A639-00060-0000 0017-00101-0134 A084-91475-A358 A358-00016-0000 A084-91464-A358 A358-00017-0000 0017-00101-0153	CARD RACK ASSY. W/BOARDS SOUND P.C. BRD. ASSY. SHIELD & BARRIER ASSY. #6-32x¼ PHIL. RND. HD. M.S. (4 REQ'D.) SUPER C.P.U. P.C. BRD. ASSY. SHIELD & SPACER ASSY.—INNER SUPER VIDEO P.C. BRD. ASSY. SHIELD & SPACER ASSY.—OUTER #6-32x1" PHIL. PAN HD. M.S. (8 REQ'D.)
24	A945-00020-0000 A945-00033-0000	POWER CHASSIS ASSY.—125VA., 115V. MAGNETIC SHIELD & LABEL ASSY.
25	A084-90412-D000 0624-00902-0200 0624-00902-0500 0017-00101-0141 0017-00104-0037	POWER SUPPLY P.C. BOARD ASSY. P.C. SUPPORT BRKT.—10" LG. (2 REQ'D.) P.C. SUPPORT BRKT.—6½" LG. (2 REQ'D.) #8x11/16 UNSLOT HEX HD. M.S. (12 REQ'D.) #8 FLAT WASHER (12 REQ'D.)
26	A090-00606-0000 0090-00189-0000 A945-00038-0000 A775-00013-0000	CASH BOX & PULL ASSY. CASH BOX ENCLOSURE ON—OFF SWITCH & PLATE ASSY. (LOCATED UNDER ITEM #26) FAN ASSY. (LOCATED UNDER ITEM #26)
27	0017-00009-0534 0358-00904-0000	CASSETTE TAPE RECORDER RECORDED AUDIO CASSETTE
28	A362-00013-0000 0017-00101-0141	CLAMPING BRKT. WELDMNT ASSY. #8x11/16 UNSLOT HEX HD. M.S. (4 REQ'D.)
29	A084-91496-B358	DUAL POWER AMP P.C.B.
ADDITIONAL PARTS LIST		
	A362-00007-0000 A362-00009-0000 A362-00014-0000 A580-00011-0000 A945-00019-0000 A088-00018-0000	MASTER CABLE 2/BRKT. ASSY. HIGH VOLTAGE CABLE ASSY. LOW VOLTAGE CABLE ASSY. VIDEO SIGNAL CABLE ASSY. LINE CORD ASSY. INTERLOCK SWITCH & BRKT. ASSY.

JOURNEY - HEADER FLOURESCENT FIXTUTRE ASSY.

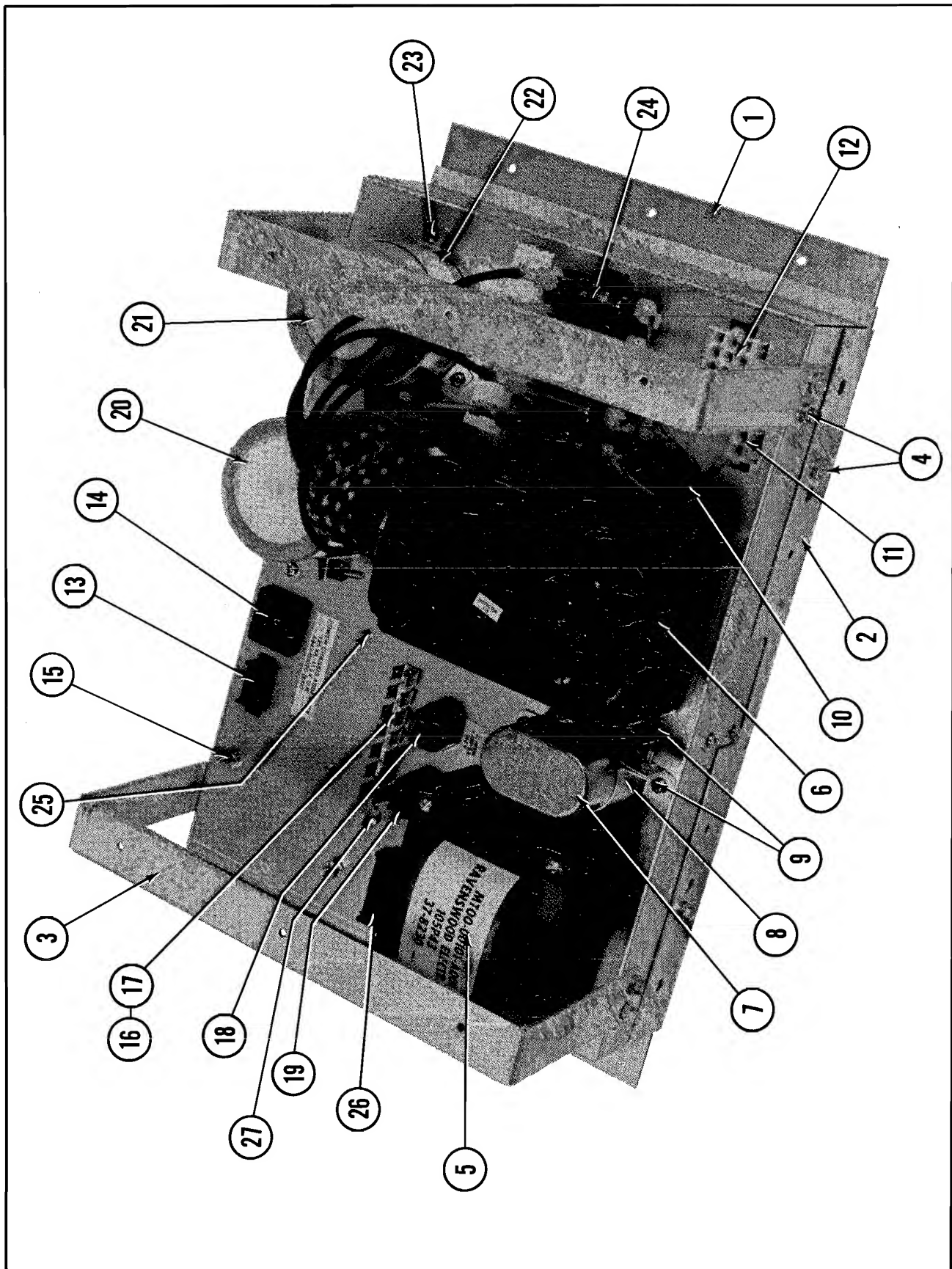


JOURNEY - HEADER FLOURESCENT FIXTUTRE ASSY. - PARTS LIST

ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
1	0595-00105-0000	FLUORESCENT BRKT.
2	0017-00003-0043	18" COOL WHITE FLUORESCENT LAMP
3	0017-00003-0445	LAMP LOCKS (2 REQ'D.)
4	0017-00031-0036	FLUORESCENT SOCKET (2 REQ'D.)
5	0017-00003-0412	FLUORESCENT STARTER HOLDER W/LEADS
	0017-00101-0573	#6-32 x 1/2 PHIL. RND. HD. M.S. (4 REQ'D.)
	0017-00104-0009	#6 EXT. WASHER (4 REQ'D.)
6	0017-00003-0019	FLUORESCENT STARTER
7	0017-00003-0026	BALLAST
	0017-00101-0598	#8-32 x 5/16 SLT. HEX HD. SCR. (4 REQ'D.)
8	A961-00042-0000	LINE FILTER ASSY.

JOURNEY — POWER CHASSIS ASSY. — 125VA., 115V.

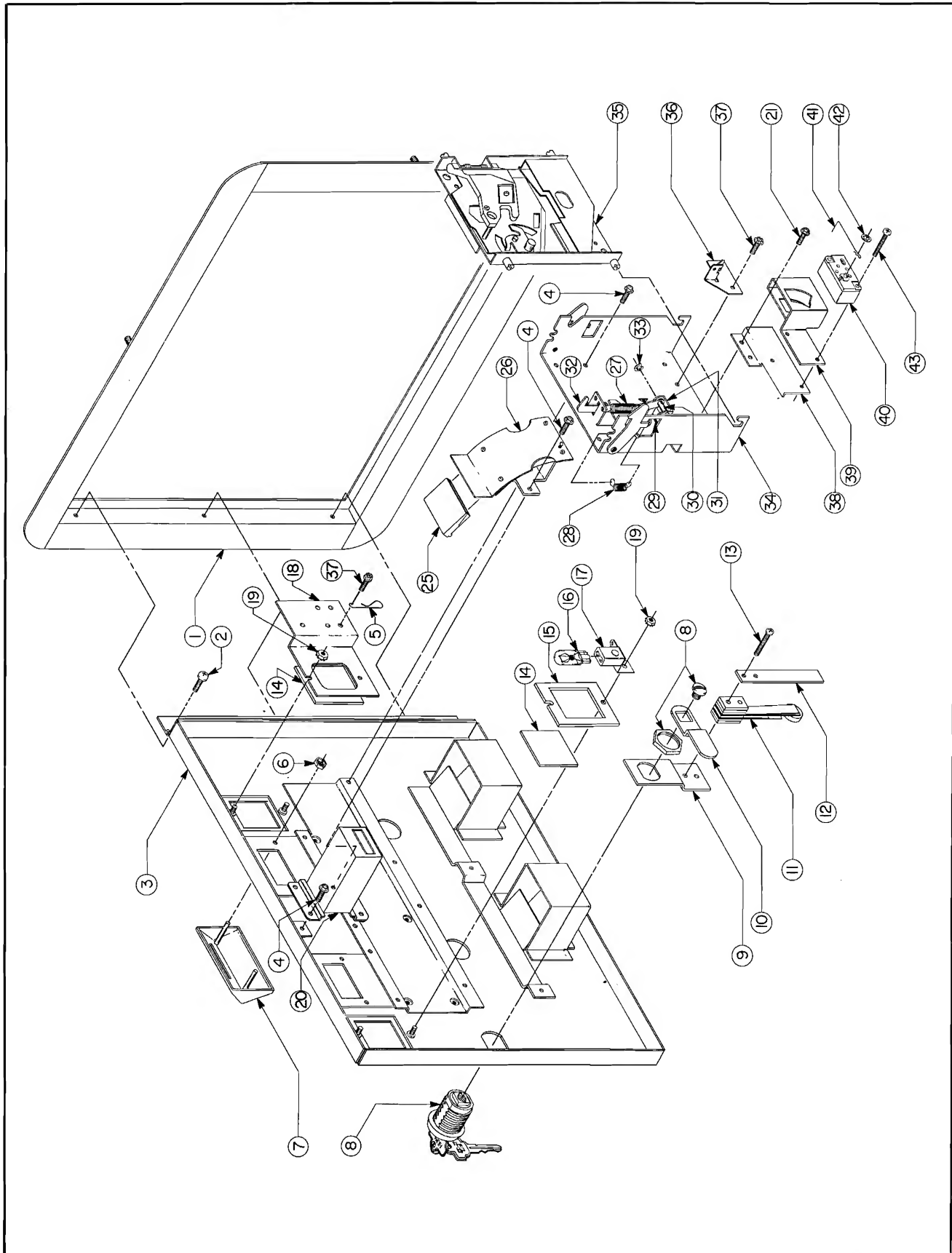


JOURNEY—POWER CHASSIS ASSY.—125VA., 115V.—PARTS LIST

ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
1	A945-00046-00XF	CHASSIS & PARTITION ASSY.
2	A945-00029-0100	MTG. PLATE & BARRIER ASSY.
3	0945-00107-01XF	STRAP (2 REQ'D.)
4	0017-00101-0123	#8 x 1/4 UNSLOT. HEX HD. SCR. (12 REQ'D.)
5	MT00-00101-A000	ISOLATION TRANSFORMER W/O SHIELD ASSY. — 115V., 50/60 HZ.
	0017-00103-0061	#8-32 HEX NUT W/SEMS (4 REQ'D.)
6	MT00-00099-A000	POWER TRANSFORMER ASSY. — 115V., 60 HZ.
	0017-00103-0084	#6-32 HEX NUT W/SEMS (4 REQ'D.)
7	0175-181T4-GXJK	CAPACITOR — 3.5 M.F., 440V.
8	0017-00009-0535	CLAMP
	0017-00101-0565	#6-32 x 7/16 SLT. PAN HD. SCR.
	0017-00103-0084	#6-32 HEX NUT W/SEMS
9	0017-00101-0067	#6 x 3/8 PHIL. PAN HD. SCR. (11 REQ'D.)
10	0945-00902-0000	SNAP BUSHING (3 REQ'D.)
11	0017-00021-0297	2 POSITION CONNECTOR
12	A945-00030-0100	CONNECTOR & CABLE ASSY. #1
13	A945-00030-0200	CONNECTOR & CABLE ASSY. #2
14	A945-00021-0000	CONVENIENCE OUTLET ASSY.
15	0017-00101-0573	#6-32 x 1/2 PHIL. RND. HD. SCR. (2 REQ'D.)
	0017-00103-0084	#6-32 HEX NUT W/SEMS (2 REQ'D.)
	A945-00025-0000	FILTER ASSEMBLY — 125V. — UNDER CHASSIS (NOT SEEN)
16	0017-00021-0510	TERMINAL STRIP
17	0017-00101-0140	#4-40 x 5/16 PHIL. PAN HD. SCR. (2 REQ'D.)
18	0017-00083-0263	SLO-BLO FUSE — 4A., 250V.
19	0017-00003-0005	FUSE — 2A., 250V.
	0017-00003-0444	QUICK CONN. FUSEHOLDER (2 REQ'D.) — FOR ABOVE FUSES
20	0945-00816-1902	CAPACITOR — 100,000 M.F.
21	0945-00816-1901	CAPACITOR — 55,000 M.F.
	0017-00104-0107	#10 FLAT WASHER (4 REQ'D.)
	0017-00103-0081	#10-32 HEX NUT W/SEMS (4 REQ'D.)
22	0017-00009-0422	CLAMP (2 REQ'D.)
	0017-00101-0758	#8-32 x 3/4 PHIL. RND. HD. SCREW (2 REQ'D.)
	0017-00103-0061	#8-32 HEX NUT W/SEMS (2 REQ'D.)
23	0017-00101-0067	#6 x 3/8 PHIL. PAN HD. SCR. (6 REQ'D.)
24	0945-00904-0000	5 POSITION FUSE HOLDER
	0017-00003-0263	SLO-BLO FUSE — 4A., 250V.
	0017-00003-0217	SLO-BLO FUSE — 2.5A., 250V. (2 REQ'D.)
	0017-00003-0007	SLO-BLO FUSE — 3A., 250V. (2 REQ'D.)
	0945-00903-0000	FUSE HOLDER BARRIER
	A945-00022-0000	HEATSINK & DIODE ASSY.
	0017-00101-0067	#6 x 3/8 PHIL. PAN HD. SCR. (2 REQ'D.)
25	0017-00101-0780	#6 x 1/2 PHIL. PAN HD. SCREW (2 REQ'D.)
	0017-00021-0629	5 POSITION TERMINAL STRIP — (UNDER CHASSIS)
	A945-00019-0000	LINE CORD ASSY. — 115V. (NOT SHOWN)
26	A945-00030-0500	CONNECTOR & CABLE ASSY.
27	0017-00101-0660	#10-32 x 3/4 PAN HD. SCREW
	0017-00104-0107	#10 FLAT WASHER
	0017-00103-0081	#10-32 HEX NUT W/SEMS

FRONT DOOR ASSEMBLY - U.S.A. 25¢



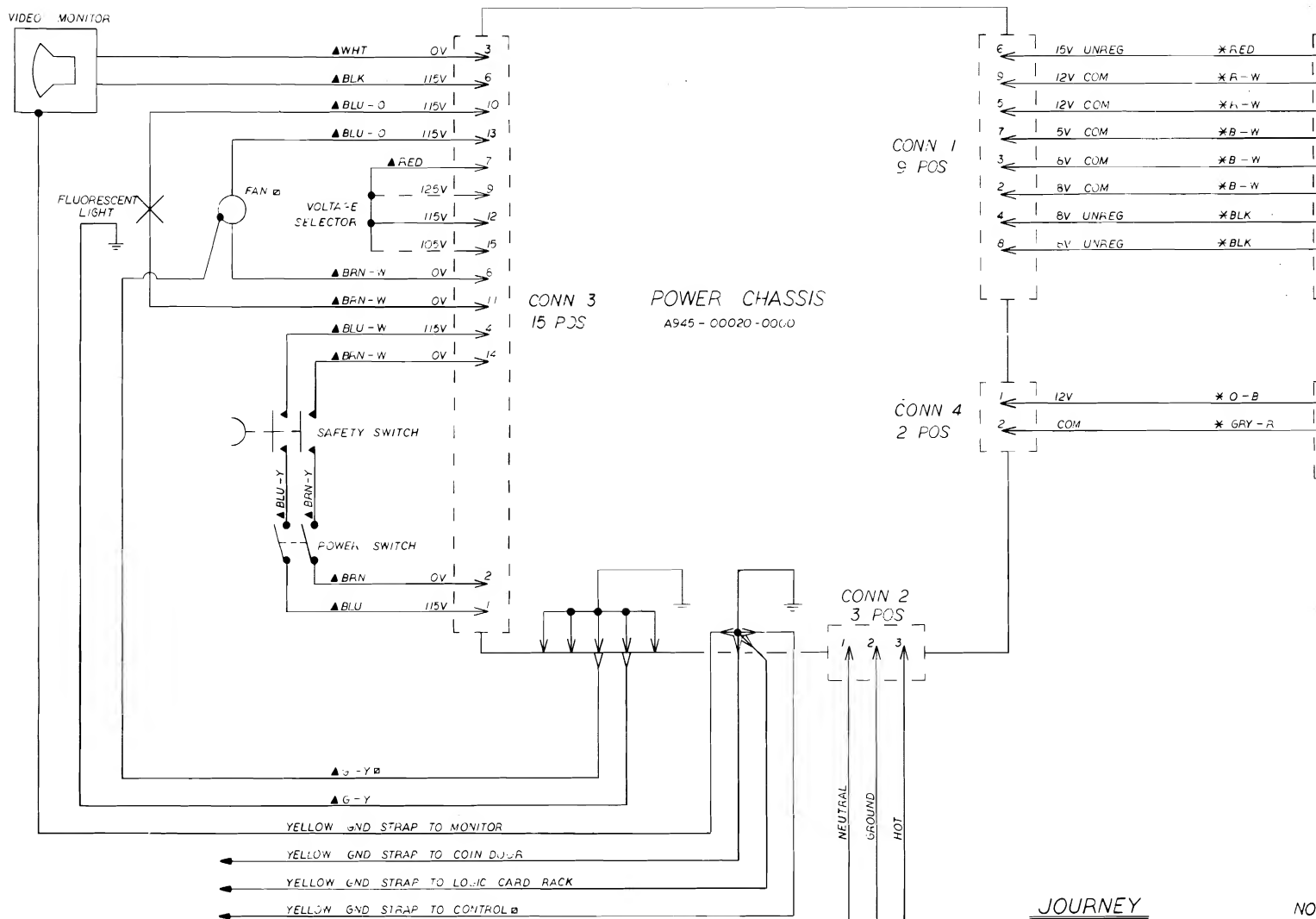
FRONT DOOR ASSEMBLY — U.S.A. 25¢ — PARTS LIST

ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
1	0090-00002-04BK	DOUBLE ENTRY COIN DOOR FRAME
2	0017-00101-0121	#6-32 x 5/16 PHIL. TRS. HD. SCR. (3 REQ'D.)
3	A090-00073-02BK	DOUBLE ENTRY COIN DOOR W/DRESS PLATE
4	0017-00101-0123	#8 x 1/4 UNSLOT. HEX HD. SCREW (12 REQ'D.)
5	0017-00007-0019	KEY HOOK
6	0017-00103-0059	PUSH NUT (4 REQ'D.)
7	0090-00912-0000	COIN ENTRY PLATE — 25¢ (2 REQ'D.)
8	A097-00005-0000	DOOR LOCK & KEY W/SCREW & NUT (OR)
8	A097-00006-0000	DOOR LOCK & KEY W/SCREW & NUT
9	0090-00128-00XF	DOOR TILT SWITCH BRKT.
10	0017-00005-0041	DOOR CAM
11	A090-00095-0000	DOOR TILT SWITCH
12	0090-00126-03XF	SWITCH BACK-UP PLATE
13	0017-00101-0525	#5-40 x 9/16" PHIL. HD. M.S. (2 REQ'D.)
	A090-00096-0000	DOOR TILT SWITCH & BRKT. ASSY. (ITEMS 9 & 11 THRU 13)
14	0090-00903-9500	25¢ WINDOW (2 REQ'D.)
15	0090-00143-00XF	COIN PLEX RETAINER
16	0017-00003-0219	12 VOLT LAMP — G.E. #194 (2 REQ'D.)
17	0017-00031-0048	WEDGE SOCKET W/BRKT. (2 REQ'D.)
18	A090-00100-0000	BRKT. ASSY.
19	0017-00103-0084	#6-32 HEX NUT W/SEMS (4 REQ'D.)
20	A090-00089-0000	COIN METER W/DIODE
21	0017-00101-0124	#6 x 1/4 UNSLOT. HEX HD. SCR. (4 REQ'D.)
25	0090-00911-0000	INSULATOR (2 REQ'D.)
26	A090-00112-0000	COIN CHUTE & INSULATOR ASSY. (2 REQ'D.)
27	0010-00134-0000	SPRING
28	0010-00181-0000	SPRING
29	0017-00007-0083	1/8 x 1-5/8 ROLL PIN
30	0090-00129-00XF	PIVOT POST
31	0090-00167-00XF	PIVOT LEVER
32	0090-00182-00XF	REJECT LEVER
33	0017-00100-0018	E-RING
	A090-00088-0000	REJECT LEVER ASSY. (2 REQ'D.) (ITEMS 30 THRU 33)
34	A090-00105-0000	COIN ACCEPTOR FRAME ASSY. (2 REQ'D.)
35	0017-00005-0003	COIN ACCEPTOR W/STRING CUTTER (2 REQ'D.) (OR)
35	0017-00005-0211	COIN ACCEPTOR W/ANTI STRING DEVICE (2 REQ'D.) (OR)
35	0017-00005-0214	COIN ACCEPTOR W/STRING CUTTER (2 REQ'D.)
36	A090-00064-0000	ANTI-PENNY DEVICE
37	0017-00101-0099	#6 x 1/4 SLT. HEX HD. M.S. (2 REQ'D.)
38	0090-00162-00XF	COIN SWITCH MTG. BRKT.
39	0017-00005-0203	COIN SWITCH CHUTE
40	0017-00005-0195	COIN SWITCH
41	0010-00599-0000	COIN SWITCH WIRE
42	0017-00007-0015	PUSH-ON RING
	A090-00059-0400	COIN SWITCH & WIRE ASSY. (ITEMS 40 THRU 42)
43	0017-00101-0147	#4-40 x 3/4 PHIL. PAN. HD. M.S. (2 REQ'D.)
	A090-00077-0000	COIN GUIDE & SWITCH ASSY. (ITEMS 38 THRU 43)

III. Wiring Diagrams & Schematics

VIDEO MONITOR

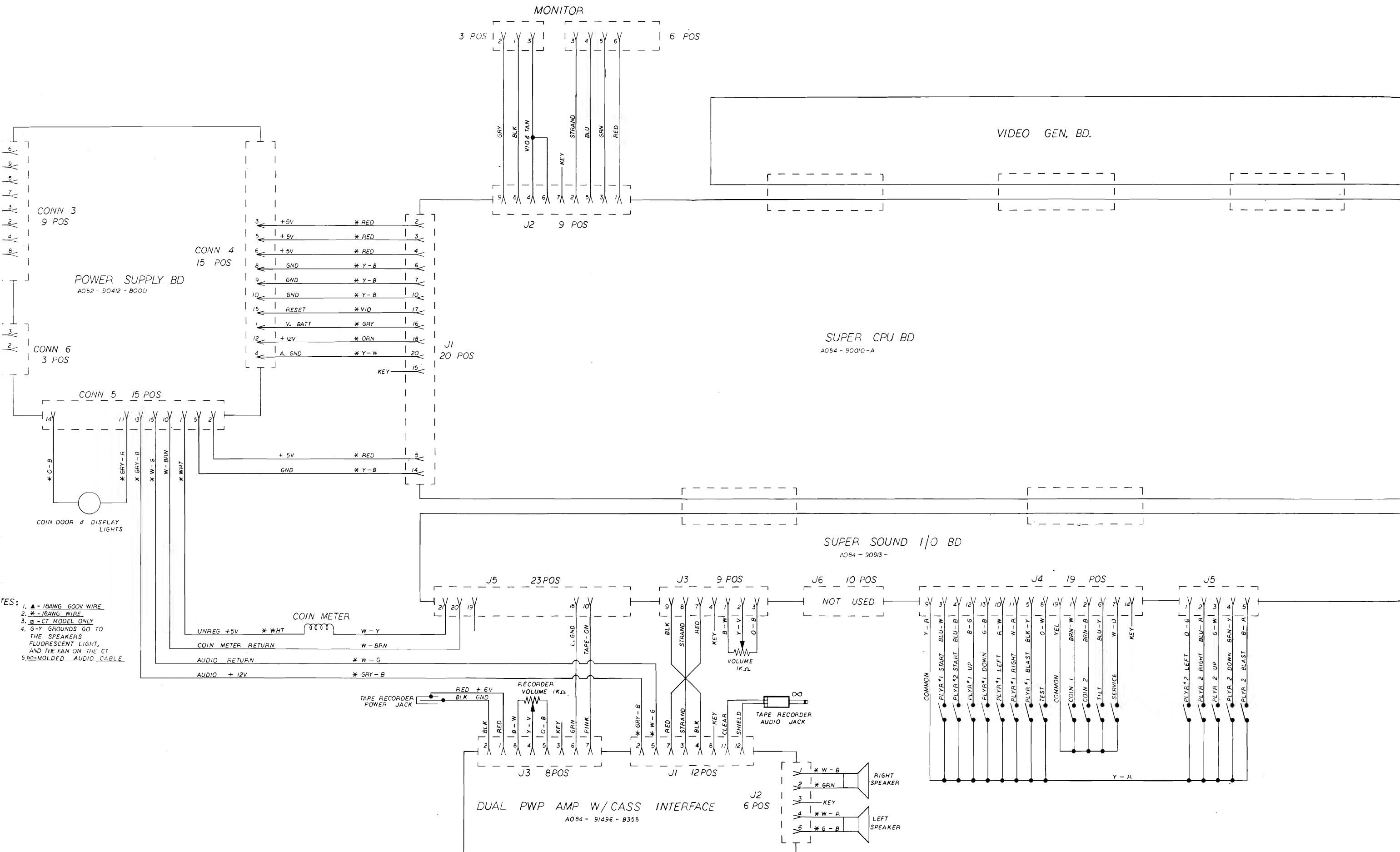


REVISION	DATE	NAME

JOURNEY
M051 - 00358 - A003

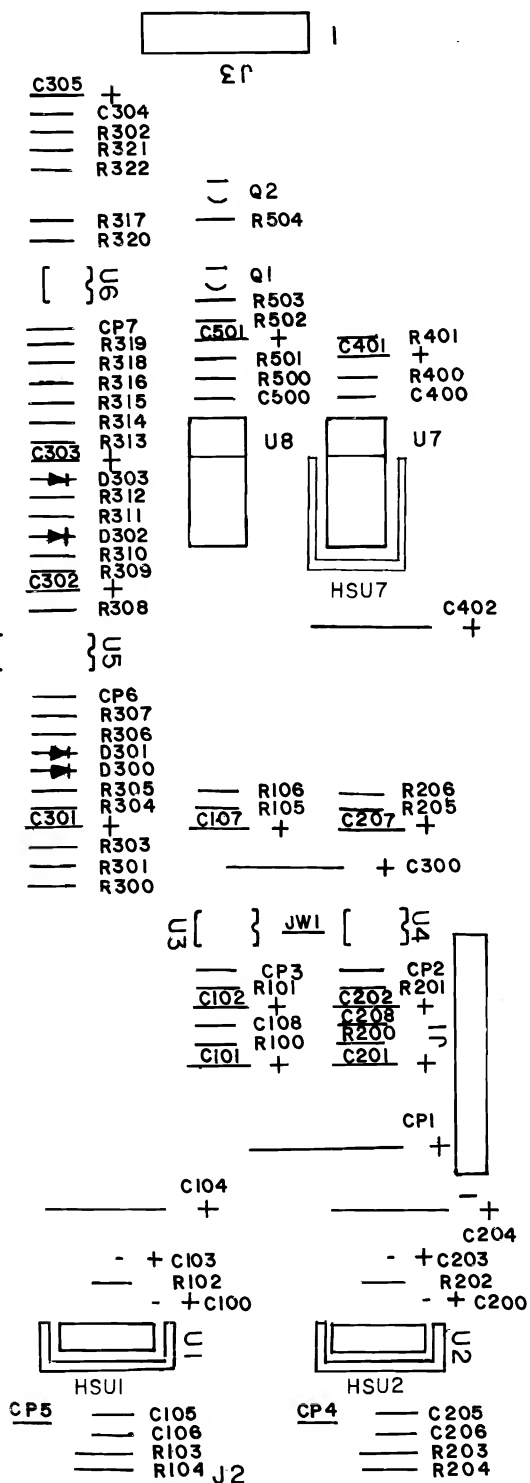
Bally / MIDWAY
10601 W BELMONT
FRANKLIN PARK, ILL. 60131

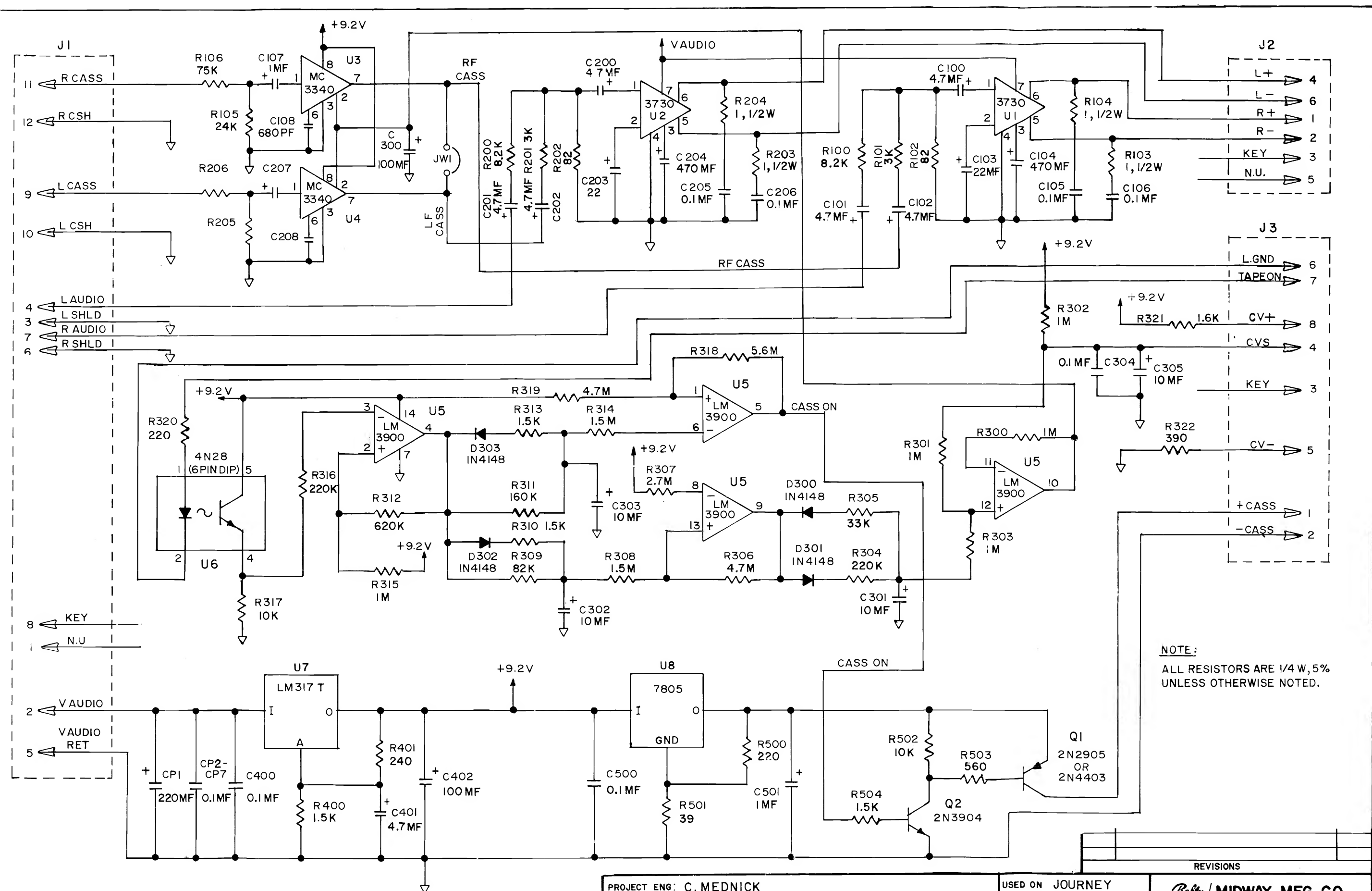
NOI



DESIGNATION LIST

DESIGNATION NO.	DESCRIPTION
C100-C102	4.7 MF TANT.
C103	22 MF TANT.
C104	470 MF ELECT.
C105,C106	.1 MF CER.
C107	1 MF TANT.
C108	680 PF CER.
C200-C202	4.7 MF TANT.
C203	22 MF TANT.
C204	470 MF ELECT.
C205,C206	.1 MF CER.
C300	100 MF ELECT.
C301-C303	10 MF TANT.
C304	.1 MF CER.
C305	10 MF TANT.
C400	.1 MF CER.
C401	4.7 MF TANT.
C402	100 MF ELECT.
C500	.1 MF CER.
C501	1 MF TANT.
CP1	220 MF ELECT.
CP3-CP7	.1 MF CER.
R100	8.2K OHM 1/4W 5% CRBN.
R101	3K OHM 1/4W 5% CRBN.
R102	82 OHM 1/4W 5% CRBN.
R103,R104	1 OHM 1/2W 5% CRBN.
R105	24K OHM 1/4W 5% CRBN.
R106	75K OHM 1/4W 5% CRBN.
R200	8.2K OHM 1/4W 5% CRBN.
R201	3K OHM 1/4W 5% CRBN.
R202	82 OHM 1/4W 5% CRBN.
R203,R204	1 OHM 1/2W 5% CRBN.
R300-R303	1M OHM 1/4W 5% CRBN.
R304	220K OHM 1/4W 5% CRBN.
R305	33K OHM 1/4W 5% CRBN.
R306	4.7M OHM 1/4W 5% CRBN.
R307	2.7M OHM 1/4W 5% CRBN.
R308	1.5M OHM 1/4W 5% CRBN.
R309	82K OHM 1/4W 5% CRBN.
R310	1.5K OHM 1/4W 5% CRBN.
R311	160K OHM 1/4W 5% CRBN.
R312	620K OHM 1/4W 5% CRBN.
R313	1.5K OHM 1/4W 5% CRBN.
R314	1.5M OHM 1/4W 5% CRBN.
R315	1M OHM 1/4W 5% CRBN.
R316	220K OHM 1/4W 5% CRBN.
R317	10K OHM 1/4W 5% CRBN.
R318	5.6M OHM 1/4W 5% CRBN.
R319	4.7M OHM 1/4W 5% CRBN.
R320	220 OHM 1/4W 5% CRBN.
R321	1.6K OHM 1/4W 5% CRBN.
R322	390 OHM 1/4W OHM 5% CRBN.
R400	1.5K OHM 1/4W 5% CRBN.
R401	240 OHM 1/4W 5% CRBN.
R500	220 OHM 1/4W 5% CRBN.
R501	39 OHM 1/4W 5% CRBN.
R502	10K OHM 1/4W 5% CRBN.
R503	560 OHM 1/4W 5% CRBN.
R504	1.5K OHM 1/4W 5% CRBN.
D300-D303	1N4148
Q1	2N4403 OR 2N2905
Q2	2N3904
U1,U2	MB3730
U3	MC3340
U5	LM3900
U6	4N28
U7	LM317T
U8	7805
H.S.U1,H.S.U2	HEATSINK ASSY
H.S.U7	HEATSINK
J1	8 PIN KK. 156 OMIT PIN 3
J2	6 PIN KK. 156 OMIT PIN 3
J3	12 PIN KK. 156 OMIT PIN 8
JW1	JUMPER WIRE
MH1-MH4	1/4" SPACER FOR #8 SCREW
MHU8	SNAP
DUAL PWR AMP W/CASS INTFC.	A080-91496-B358

DUAL PWR AMP W/CASS INTERFACE
A084-91496-B358© 1983 BALLY MIDWAY MFG. CO.
ALL RIGHTS RESERVED



PROJECT ENG: C. MEDNICK			USED ON JOURNEY		Bally / MIDWAY MFG. CO. FRANKLIN PK. ILL.	
DO NOT SCALE DWG.		HEAT TREAT	SCALE FULL	NO. REQ'D I PER		
DIM. TOLERANCES UNLESS SPECIFIED		DRN. TSS	MAT'L.	DUAL PWR AMP W/CASS INTERFACE SCHEMATIC DWG A084-91496- B358		PART NO. M051 - 00358 - B009
CONCENTRICITY F.T.R. 0.03 FRACTIONAL 1/64 DECIMAL 0.005 HOLE DIA +.002 .000		CKD. 1111	FINISH			
DATE 04/07/83						

DESIGNATION LIST

DESIGNATION

DESCRIPTION

DESIGNATION

DESCRIPTION

C101
CP1-CP71
CP72,CP86
CP73-CP85,CP87,
CP88
CP89,CP90

.01 MF AX CER
.01 MF AX CER
100 MF AX ELECT.
10 MF 25V AX TANT.
.01MF AX. CER.

R101-R111,R113-
R121
R122,R123
R200
R201, R202

1K OHM 1/4W
560 OHM 1/4W
100 OHM 1/4W
82 OHM 1/4W

RM1
RM 2
RM 3
RM 4
RM 5
RM 6
RM 7

82 8 PIN SIP
1K 10 PIN SIP
1K 10 PIN SIP
1K 9 PIN SIP
1K 9 PIN SIP
1K 9 PIN SIP
1K 9 PIN SIP

IC 1A
IC 2A
IC 3A
IC 4A
IC 5A
IC 6A
IC 7A
IC 8A
IC 9A
IC 10A
IC 11A
IC 12A
IC 13A

EPROM
EPROM
EPROM
EPROM
EPROM
EPROM
EPROM
EPROM
EPROM
74LS86
74LS86
74LS174
74LS273
74S04

IC 1B
IC 2B
IC 3B
IC 4B
IC 5B
IC 6B
IC 7B
IC 8B
IC 9B
IC 10B
IC 11B
IC 12B
IC 13B

74LS194
74LS194
74LS194
74LS194
74LS194
74LS194
74LS194
74LS194
74LS161
74LS174
74LS174
74S283
74S283

IC 1C
IC 2C
IC 3C
IC 4C
IC 5C
IC 6C
IC 7C
IC 8C
IC 9C
IC 10C
IC 11C
IC 12C
IC 13C

74LS258
74LS258
74LS258
74LS258
74LS00
74LS04
74LS74
74LS30
74LS169
74LS169
74LS169
74LS169
74S133

IC 1D
IC 2D
IC 3D
IC 4D
IC 5D
IC 6D
IC 7D
IC 8D
IC 9D
IC 10D
IC 12D
IC 13D

7420
93479
93479
7420
93479
93479
93422
93422
93422
STAT. RAM
74LS245

IC 1E
IC 2E
IC 3E
IC 4E
IC 5E
IC 6E
IC 7E
IC 8E
IC 9E
IC 10E
IC 1F
IC 2F
IC 3F
IC 4F
IC 5F
IC 7F
IC 8F
IC 9F
IC 10F
IC 12F
IC 13F
IC 1G
IC 3G
IC 4G
IC 5G
IC 7G
IC 8G
IC 9G
IC 10G
IC 12G
IC 13G

74LS374
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74LS374
74LS374
74LS258
74LS00
74S161
74S04
74LS74
74LS74
74LS157
74LS00
74LS32
74LS283
74LS175
74LS157
74LS157
74LS157
74LS157
74LS74
74S08
74LS30
74LS30
74LS283
74LS174
74LS10
74LS157
74LS157
74LS157

IC 1H
IC 3H
IC 11H
IC 12H
IC 13H

74LS32
74LS258
7420
7420
74LS74

ICS1A-ICS8A
ICS D2,D3,D5-D10
ICS D12

28 PIN SOCKET
22 PIN SOCKET
24 PIN SOCKET

J5,J6,J7

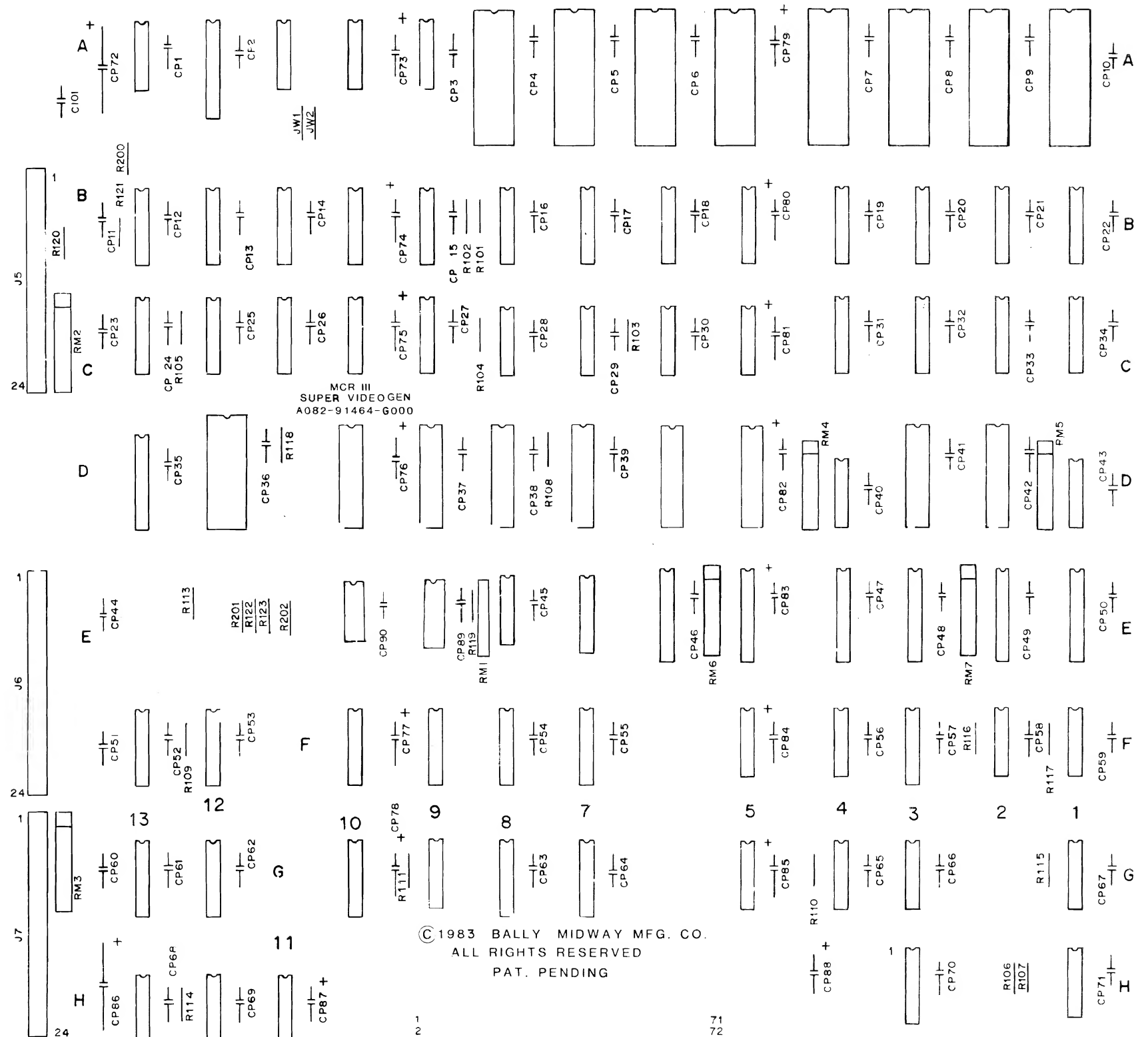
KK100 RT. ANGLE
24 PIN CONN.

JW 1, JW2

JUMPER WIRE

MCR III SUPER
VIDEO GEN.

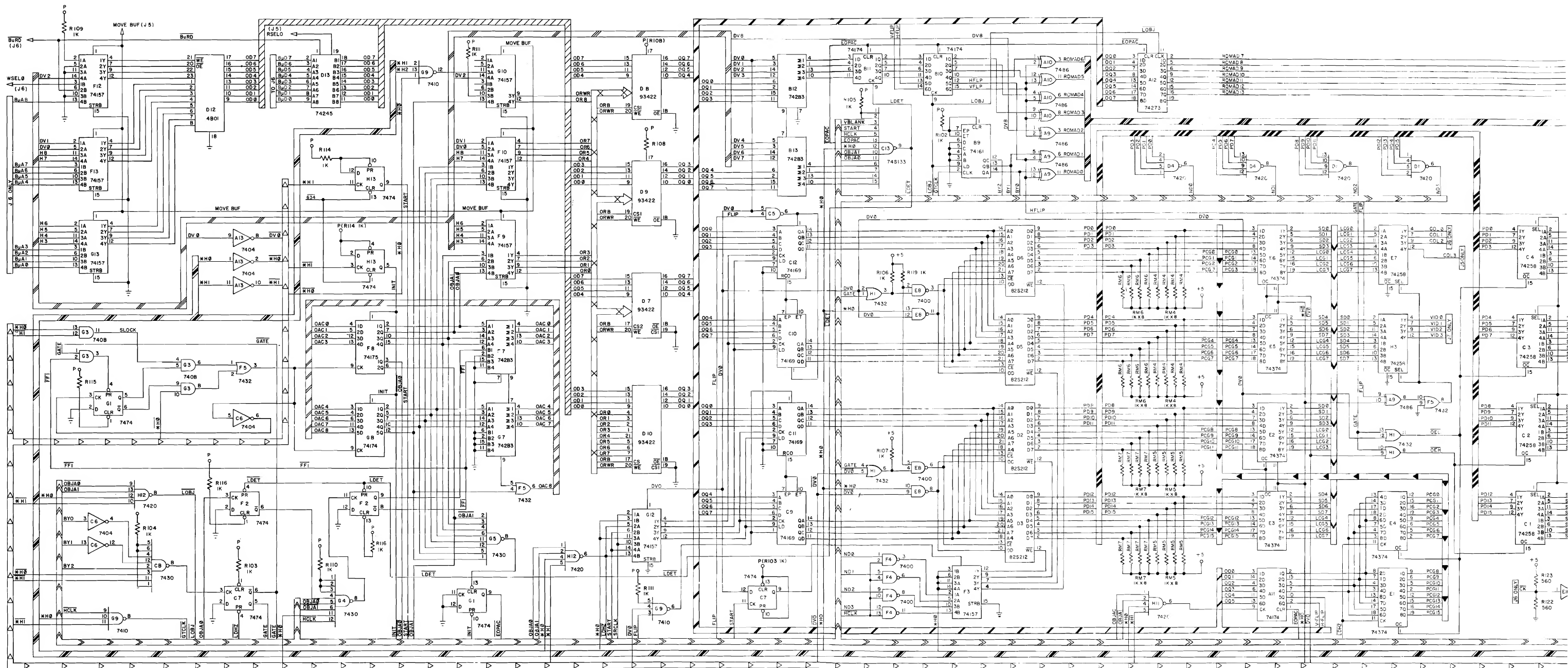
A082-91464-G000

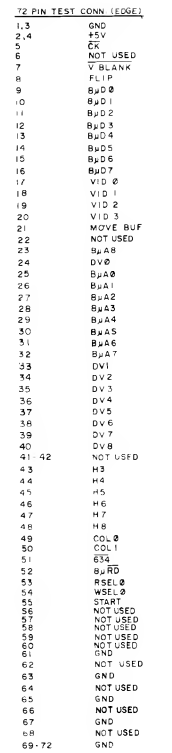
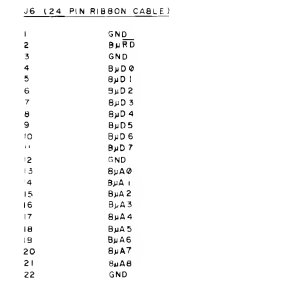
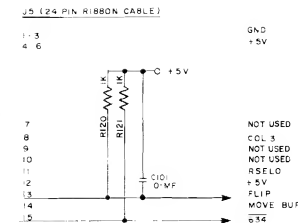
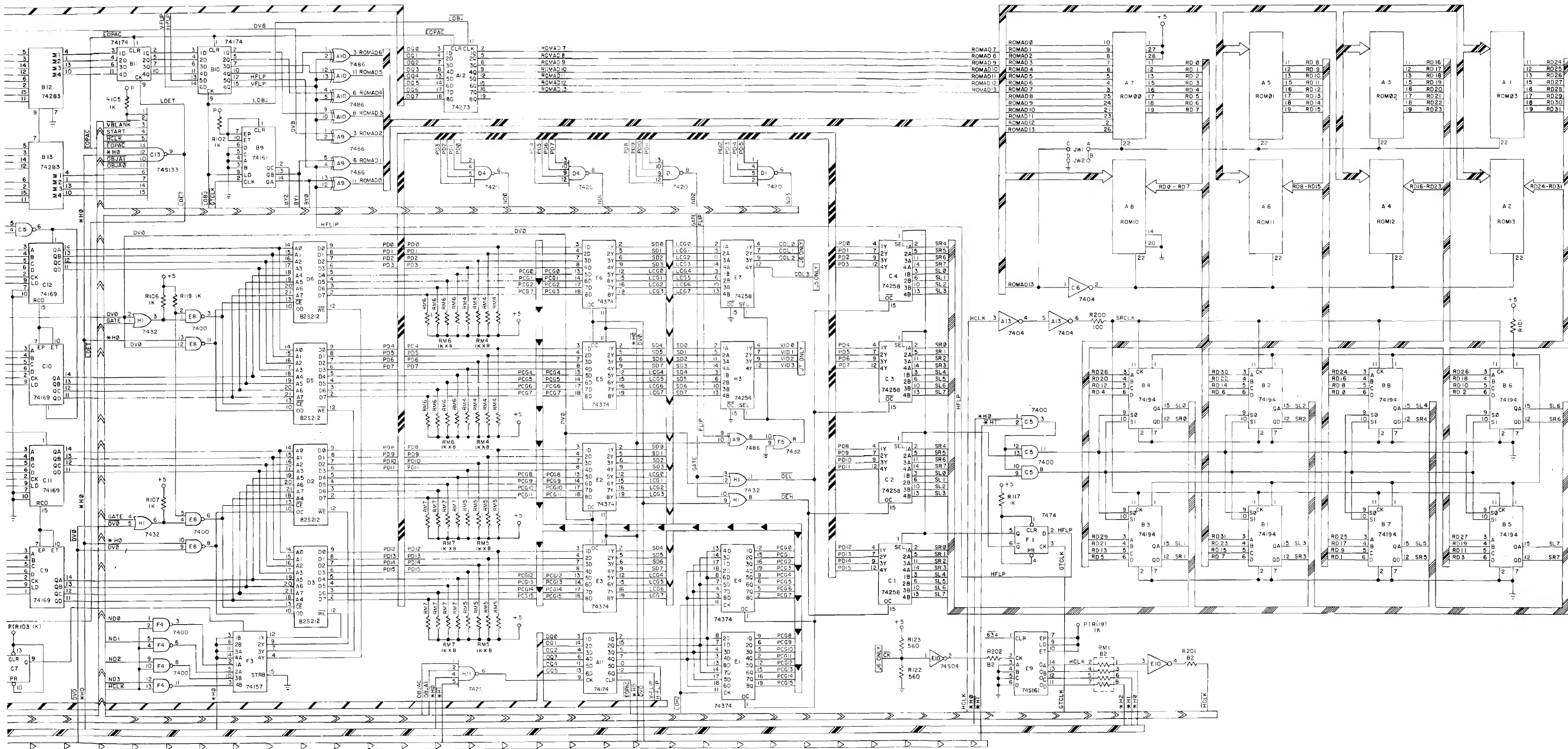


CROSS REFERENCE LIST

DESCRIPTION	QTY	DESIGNATION NO.	PART NOS.
CAP .01MF	74	C101,CP1-CP71, CP89,CP90	0986-00800-2500
CAP 10MF	15	CP73-CP85,CP87, CP88	0986-00800-2400
CAP 100MF	2	CP72,CP86	0986-00800-1800
82 OHM 1/4 W RES.	2	R201,R202	0062-104B3-1XXX
100 OHM 1/4 W RES.	1	R200	0062-110B3-1XXX
1K OHM 1/4 W RES.	20	R101-R111,R113- R121	0062-179B3-1XXX
560 OHM 1/4W RES.	2	R122,R123	0062-162B3-1XXX
8 PIN SIP 82 OHM	1	RM1	0333-00804-0004
9 PIN SIP 1K OHM	4	RM4-RM7	0304-00804-0002
10 PIN SIP 1K OHM	2	RM2,RM3	0986-00804-1000
74LS00	3	C5,F4,E8	0304-00803-0010
74S04	2	A13,E10	0304-00803-0011
74LS04	1	C6	0304-00803-0012
74S08	1	G3	0304-00803-0037
74LS10	1	G9	0304-00803-0014
7420	4	D1,D4,H11,H12	0304-00803-0015
74LS30	3	C8,G4,G5	0304-00803-0016
74LS32	2	F5,H1	0304-00803-0017
74LS74	5	C7,F1,F2,G1,H13	0304-00803-0018
74LS86	2	A9,A10	0304-00803-0019
74S133	1	C13	0304-00803-0020
74LS157	8	F3,F9,F10,F12,F13, G10,G12,G13	0304-00803-0021
74S161	1	E9	0304-00803-0038
74LS161	1	B9	0304-00803-0022
74LS169	4	C9-C12	0304-00803-0023
74LS174	4	A11,B10,B11,G8	0304-00803-0024
74LS175	1	F8	0304-00803-0025
74LS194	8	B1-B8	0304-00803-0026
74LS245	1	D13	0304-00803-0027
74LS258	6	C1-C4,E7,H3	0304-00803-0028
74LS273	1	A12	0304-00803-0029
74S283	2	B12,B13	0304-00803-0039
74LS283	2	F7,G7	0304-00803-0030
74LS374	6	E1-E6	0304-00803-0031
93422	4	D7-D10	0304-00803-0032
93479	4	D2,D3,D5,D6	0304-00803-0033
STAT. RAM	1	D12	0304-00803-0034
28 PIN SOCKET	8	ICS A1-A8	0986-00804-0300
22 PIN SOCKET	8	ICS D2,D3,D5,D6, D7-D10	0986-00804-0700
24 PIN SOCKET	1	ICS D12	0986-00804-1600
KK100 RT. ANGLE 24 PIN CONN.	3	J5,J6,J7	0986-00804-4700
JUMPER WIRE	2	JW1,JW2	0986-00805-0200
MCR III SUPER VIDEO GEN.			A082-91464-G000

PROJECT ENG: R. PLOUSSARD		USED ON JOURNEY		REVISIONS	
DO NOT SCALE DWG		HEAT TREAT	SCALE FULL	NO. REQ'D 1 PER	
DIM TOLERANCES UNLESS SPECIFIED		SUPER VIDEO GEN. MCR III ASSY DWG A082-91464-G000		Bally / MIDWAY MFG. CO. FRANKLIN PK ILL	
DIM TOLERANCES UNLESS SPECIFIED CONCENTRICITY ± .001 IMPROVED DELIMAC HOLE DIA + .002 000		DRN TBB CKD. RLP DATE 04/25/83		PART NO. M051 - 00358 - A011	





PROJECT ENG.	R. PLOUSSARD	DESIGNED BY	M. C. M. III	USED ON	MCR III	REVISED BY	NO. REV.	DATE	REV.
DATE	04/13/63	SCHEMATIC DWG.							
		SUPER VIDEO GEN. MCR III							
		AOB2-91464-6030							
		PART NO.							
		MOSI - 00304 - 6006							

DESCRIPTION LIST

DESIGNATION NO.

DESCRIPTION

DESIGNATION NO.

DESCRIPTION

C101 33PF AX CER.
C102 0.1MF AX CER.
C103 0.1MF MYLAR
C104 390PF AX CER.
C105-C110 47PF AX CER.
C111-C114 820PF AX CER.
C121-C137 390PF AX CER.
C200 820PF AX CER.
C201,C202 390PF AX CER.
C203 100PF AX CER.
C204 0.1MF AX CER.
C206 100PF AX CER.

CP1 470MF 16V ELECT. AX.
CP2-CP7 0.01MF 50V AX CER.
CP8 10.MF 25V AX TANT.
CP9-CP14 0.01MF 50V AX CER.
CP15 470MF 16V ELECT. AX.
CP16-CP20 0.01MF 50V AX CER.
CP21 10 MF
CP22-CP28 0.01 MF
CP29 10 MF
CP30-CP37 0.01 MF
CP38 10 MF
CP39-CP50 0.01 MF
CP51 10 MF
CP52-CP57 0.01 MF
CP58 470 MF 16V ELECT AX.
CP59-CP64 0.01 MF
CP65 470 MF
CP66 0.1 MF 50V AX CER.
CP67 0.01 MF
R101 4.7K OHM 1/4W CRBN.
R102 1K OHM 1/4W CRBN.
R104 82K OHM 1/4W CRBN.
R107 1K OHM 1/4W CRBN.
R108 330 OHM 1/4W CRBN.
R109 1K OHM 1/4W CRBN.
R111 330 OHM 1/4W CRBN.
R112 4.7K OHM 1/4W CRBN.
R116 1K OHM 1/4W CRBN.
R117,R118 560 OHM 1/4W CRBN.
R119 100 OHM 1/4W CRBN.
R120 820 OHM 1/4W CRBN.
R121 470 OHM 1/4W CRBN.
R123 510 OHM 1/4W CRBN.
R124 1K OHM 1/4W CRBN.
R125 2K OHM 1/4W CRBN.
R126,R127 10 OHM 1/4W CRBN.
R128 470 OHM 1/4W CRBN.
R129 1K OHM 1/4W CRBN.
R130 510 OHM 1/4W CRBN.
R131 2K OHM 1/4W CRBN.
R133,R134 10 OHM 1/4W CRBN.
R135 470 OHM 1/4W CRBN.
R136 510 OHM 1/4W CRBN.
R137 1K OHM 1/4W CRBN.
R138 2K OHM 1/4W CRBN.
R140,R141 10 OHM 1/4W CRBN.
R201 1K OHM 1/4W CRBN.
R203-R207 1K OHM 1/4W CRBN.
R208,R209 4.7K OHM 1/4W CRBN.
R210 1K OHM 1/4W CRBN.
R211-R213 3.9K OHM 1/4W CRBN.
R214-R217 82 OHM 1/4 CRBN.
R218 62 OHM 1/4 CRBN.
R219 82 OHM 1/4 CRBN.
R220 47 OHM 1/4 CRBN.
R221,R222 82 OHM 1/4 CRBN.
RM1 4.7K 6 PIN SIP
RM2,RM3 4.7K 10 PIN SIP
RM4 4.7K 6 PIN SIP

D101 1N5817
D102 4148
Q101 2N4403
Q102 2N4123
Q103-Q108 MPSA70
A1 74LS161
A2 74LS367
A3 74LS245
A9,A10 74S74
A11 74S04
A12 H-T

B1 74LS244
B2 CMOSRAM
B3 MK3882
B5 MK3880
B6 74LS244
B7 74LS133
B8 74LS32
B9 74S04
B10 74LS74
B11 74LS32
B12 V&H-T
C8 74LS08
C9 74LS74
C10 74S04
C11,C12 74LS20

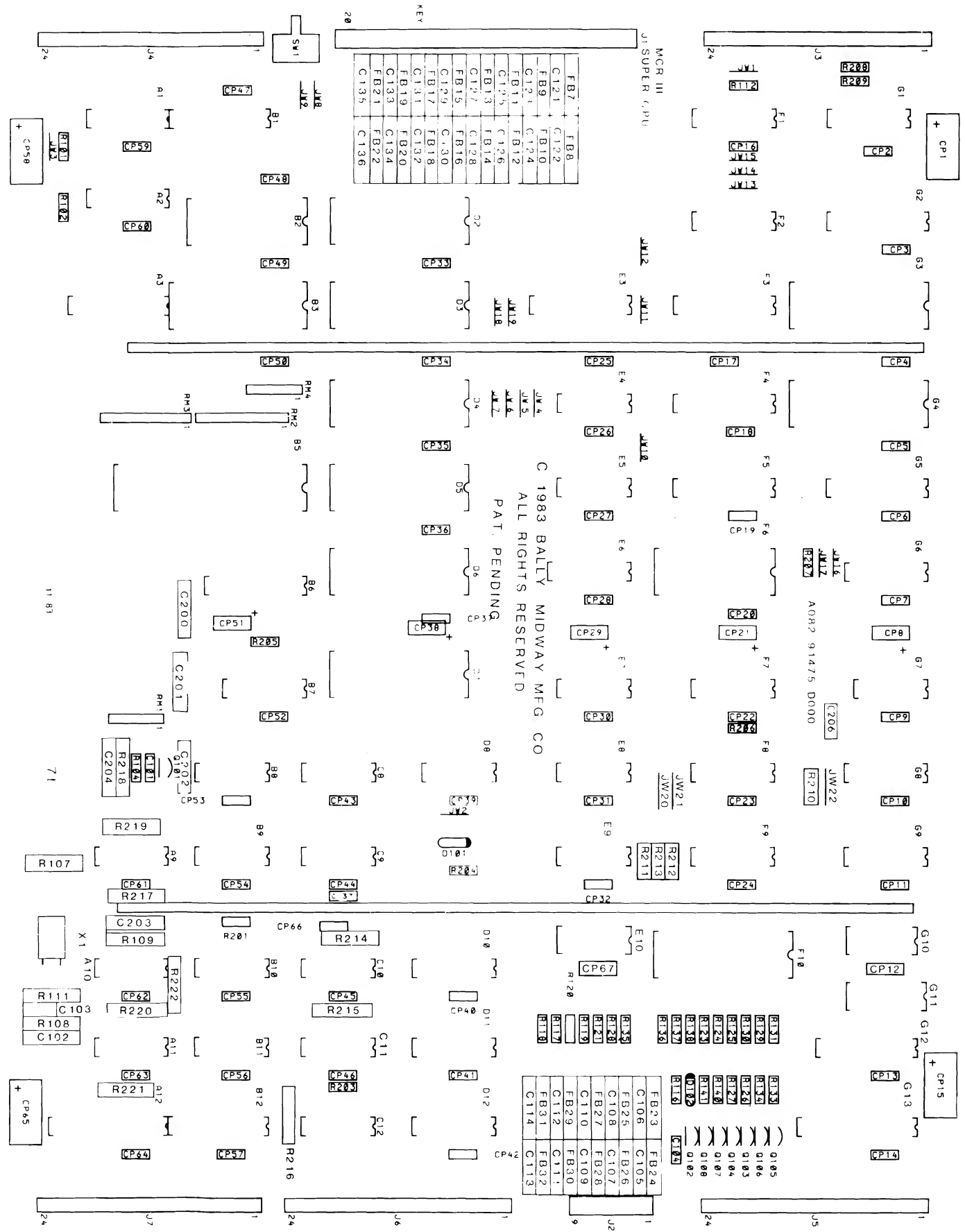
D2 EPROM
D3 EPROM
D4 EPROM
D5 EPROM
D6 EPROM
D7 EPROM
D8 74LS04
D10-D12 74LS157

E3 NVR CONTROLLER
E4,E5 74LS32
E6 74LS138
E7 74LS86
E8 74LS27
E9 74LS04
E10 7406
F1 4053
F2 4017
F3 74LS245
F4,F5 74LS273
F6 6116
F7 74LS174
F8,F9 74LS157
F10 93419

G1 74LS153
G2 74LS273
G3 EPROM
G4 EPROM
G5 74LS273
G6 74LS153
G7 74LS86
G8 74LS174
G9 74LS157
G10 7408
G11 74LS157
G12 CUSTOM IC
G13 V-T GEN.

FB7-FB32 FERRITE BEAD
ICSA12 8 PIN IC SOCKET
ICSA12A 16 PIN IC SOCKET
ICSB2 24 PIN IC SOCKET
ICSB3 28 PIN IC SOCKET
ICSB5 40 PIN IC SOCKET
ICSB12 20 PIN IC SOCKET
ICSD2-D7 28 PIN IC SOCKET
ICSE3 20 PIN IC SOCKET
ICSF6 24 PIN IC SOCKET
ICSF10 28 PIN IC SOCKET
ICSG3,ICSG4 28 PIN IC SOCKET
ICSG12 20 PIN IC SOCKET
ICSG13 8 PIN IC SOCKET
ICSG13A 16 PIN IC SOCKET

J1 FMD. HDR..156 C
J2 OMIT 15
J3-J7 FMD. HDR..100 C
J3-J7 OMIT 3
J3-J7 KK100 RT ANGLE 24
J3-J7 PIN
JW1-JW22 ZERO OHM RESISTORS
J3-J7 FLEX-PAC JUMPER
SW1 SWITCH PC MOUNTING
CRYSTAL 19,968 MHZ CRYSTAL
BB1,BB2 BUS BAR



DESCRIPTION

QTY

33PF AX CER. 1
47 PF AX CER. 6
100 PF AX CER. 2
390 PF AX CER. 20
820 PF AX CER. 5
0.01MF 50V AX CER. 57

0.1MF 100V MYLAR 1
0.1MF 50V AX CER. 3
10MF 25V AX TANT. 5

470 MF 16V AX ELECT. 4
10 OHM 1/4W CRBN. 6

47 OHM 1/4W CRBN. 1
62 OHM 1/4W CRBN. 1
82 OHM 1/4W CRBN. 7

100 OHM 1/4W CRBN. 1

330 OHM 1/4W CRBN. 2
470 OHM 1/4W CRBN. 3
510 OHM 1/4W CRBN. 3
560 OHM 1/4W CRBN. 2
820 OHM 1/4W CRBN. 1
1K OHM 1/4W CRBN. 14

2K OHM 1/4W CRBN. 3
3.9K OHM 1/4W CRBN. 3
4.7K OHM 1/4W CRBN. 4

82K OHM 1/4W CRBN. 1

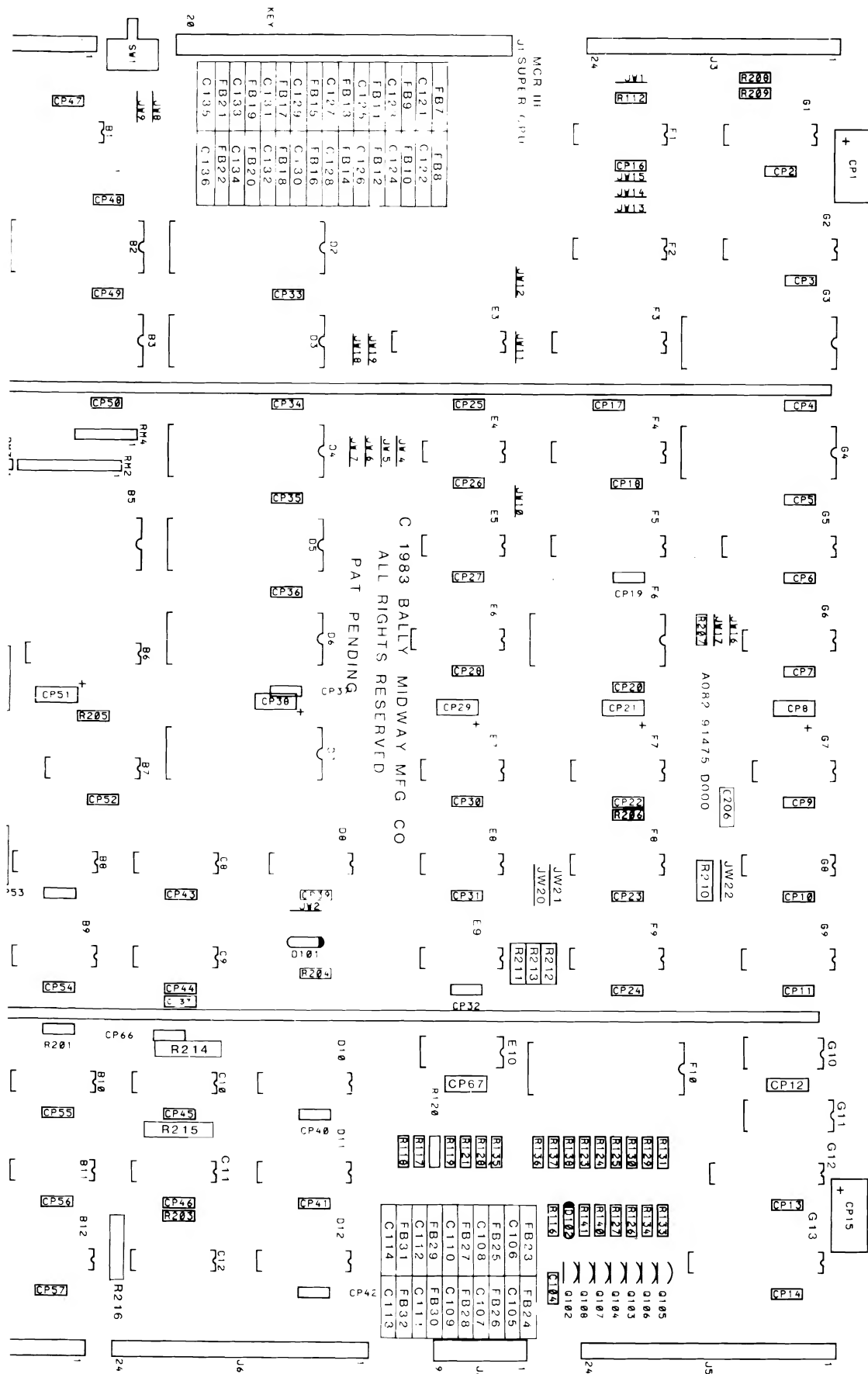
4.7K 6 PIN SIP 2
4.7K 10 PIN SIP 2

1N5817 1
4148 1

2N4403 1
2N4123 1
MPSA70 6

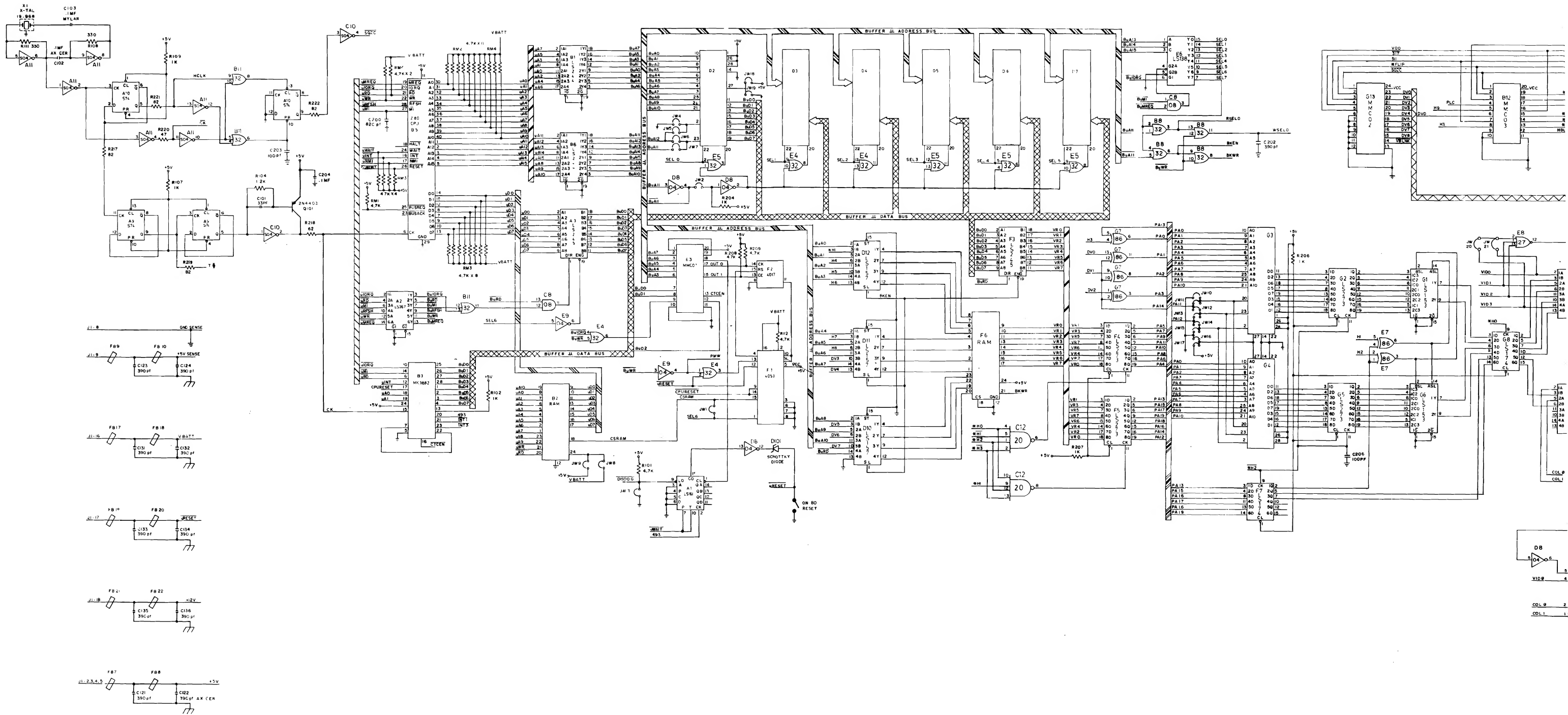
74S04 3
74LS04 2
7406 1
7408 1
74LS08 1
74LS20 2
74LS27 1
74LS32 4
74S74 1

74LS74 2
74LS86 2
74LS133 1
74LS138 1
74LS153 2
74LS157 7



CROSS REFERENCE LIST							
DESCRIPTION	QTY	DESIGNATION NO.	PART NOS.	DESCRIPTION	QTY	DESIGNATION NO.	PART NOS.
33PF AX CER.	1	C101	0986-00800-0300	74LS161	1	A1	0986-00803-1003
47 PF AX CER.	6	C105-C110	0986-00800-2800	74LS174	2	F7,G8	0986-00803-9800
100 PF AX CER.	2	C203,C206	0986-00800-1000	74LS244	2	B1,B6	0986-00803-0800
390 PF AX CER.	20	C104,C121-C137, C201,C202	0986-00800-3000	74LS245	2	A3,F3	0986-00803-0900
820 PF AX CER.	5	C111-C114,C200	0986-00800-3501	74LS273	4	F4,F5,G2,G5	0986-00803-1001
0.01MF 50V AX CER.	57	CP2-CP7,CP9-CP14 CP16-CP20,CP22- CP28,CP30-CP37, CP39-CP50,CP52- CP57,CP59-CP64, CP67	0986-00800-2200	74LS367	1	A2	0986-00803-2200
0.1MF 100V MYLAR	1	C103	0986-00800-0100	MK3880	1	B5	0986-00803-7800
0.1MF 50V AX CER.	3	C102,CP66,C204	0986-00800-0200	MK3882	1	B3	0986-00803-7700
10MF 25V AX TANT.	5	CP8,CP21,CP29, CP38,CP51	0986-00800-3400	4017	1	F2	0986-00803-8700
470 MF 16V AX ELECT.	4	CP1,CP15,CP58, CP65	0986-00800-3300	4053	1	F1	0986-00803-2000
10 OHM 1/4W CRBN.	6	R126,R127,R133, R134,R140,R141	0062-051B3-1XXX	COMS RAM	1	B2	0986-00803-8100
47 OHM 1/4W CRBN.	1	R220	0062-086B3-1XXX	6116	1	F6	0986-00803-1008
62 OHM 1/4W CRBN.	1	R218	0062-095B3-1XXX	93419	1	F10	0986-00803-9600
82 OHM 1/4W CRBN.	7	R214-R217,R219,R221, R222	0062-104B3-1XXX	H-T GEN.	1	A12	0986-00803-8900
100 OHM 1/4W CRBN.	1	R119	0062-110B3-1XXX	V-T GEN.	1	G13	0986-00803-9000
330 OHM 1/4W CRBN.	2	R108,R111	0062-144B3-1XXX	V&H GEN.	1	B12	0986-00803-9100
470 OHM 1/4W CRBN.	3	R121,R128,R135	0062-156B3-1XXX	MISC. CUSTOM	1	G12	0986-00803-9200
510 OHM 1/4W CRBN.	3	R123,R130,R136	0062-159B3-1XXX	NVR CONTROLLER	1	E3	0986-00804-3200
560 OHM 1/4W CRBN.	2	R117,R118	0062-162B3-1XXX	EPROM	1	D2	
820 OHM 1/4W CRBN.	1	R120	0062-174B3-1XXX	EPROM	1	D3	
1K OHM 1/4W CRBN.	14	R102,R107,R109, R116,R124,R129, R137,R201,R203- R207,R210	0062-179B3-1XXX	EPROM	1	D4	ROM/EPROM
2K OHM 1/4W CRBN.	3	R125,R131,R138	0062-193B3-1XXX	EPROM	1	D5	OPTIONS KIT
3.9K OHM 1/4W CRBN.	3	R211-R213	0304-207B3-1XXX	EPROM	1	D6	
4.7K OHM 1/4W CRBN.	4	R101,R112,R208, R209	0062-211B3-1XXX	EPROM	1	D7	
82K OHM 1/4W CRBN.	1	R104	0062-271B3-1XXX	EPROM	1	G3	
4.7K 6 PIN SIP	2	RM1,RM4	0986-00804-2400	EPROM	1	G4	
4.7K 10 PIN SIP	2	RM2,RM3	0986-00804-4600	8 PIN IC SOCKET	2	ICSA12,ICSG13	0986-00804-3600
1N5817	1	D101	0986-00801-0300	16 PIN IC SOCKET	2	ICSA12A,ICSG13A	0986-00804-3700
4148	1	D102	0986-00801-0100	20 PIN IC SOCKET	3	ICSB12,ICSE3, ICSG12	0986-00804-3800
2N4403	1	Q101	0986-00802-0200	24 PIN IC SOCKET	2	ICSB2,ICSF6	0986-00804-3400
2N4123	1	Q102	0986-00802-0100	28 PIN IC SOCKET	10	ICSB3,ICSD2- ICSD7,ICSF10, ICSG3,ICSG4, ICSB5	0986-00804-3900
MPSA70	6	Q103-Q108	0986-00802-0300	40 PIN IC SOCKET	1		0986-00804-3500
74S04	3	A11,B9,C10	0986-00803-0400	FMD. HDR. .156 C OMIT 15	1	J1	3000-16366-0902
74LS04	2	D8,E9	0986-00803-1007	FMD. HDR. .156 C OMIT 3	1	J2	3000-16387-2010
7406	1	E10	0304-00803-0035	KK100 RT ANGLE 24 PIN CONN.	5	J3-J7	0986-00804-4700
7408	1	G10	0304-00803-0036	ZERO OHM RESISTORS	22	JW1-JW22	0986-00804-4000
74LS08	1	C8	0986-00803-1006	SWITCH PC MTG.	1	SW1	0986-00804-3100
74LS20	2	C11,C12	0986-00803-1004	19,968 MHZ CRYSTAL	1	XTAL	0986-00804-4900
74LS27	1	E8	0986-00803-9500	BUS BAR	2	BB1,BB2	0986-00804-4100
74LS32	4	B8,B11,E4,E5	0986-00803-0600	FLEX-PAC	5	J3-J7	0986-00804-4800
74S74	1	A9,A10	0986-00803-1500	FERRITE BEAD	26	FB7-FB32	0316-00804-0002
74LS74	2	B10,C9	0986-00803-1005	MCR III SUPER CPU BD.			A082-91475-D000
74LS86	2	E7,G7	0986-00803-9900				
74LS133	1	B7	0986-00803-1002				
74LS138	1	E6	0986-00803-1900				
74LS153	2	G1,G6	0986-00803-1000				
74LS157	7	D10-D12,F8,F9, G9,G11	0986-00803-9700				

PROJECT ENG: R. PLOUSSARD		USED ON JOURNEY		REVISIONS	
DO NOT SCALE DWG		HEAT TREAT	SCALE FULL	NO. REQ'D	
DIM. TOLERANCES UNLESS SPECIFIED		MAT'L.	SUPER CPU MCR III ASSY DWG		PART NO.
CONCENTRICITY TYP .001 FRACTIONAL .1/64 DECIMAL .005 HOLE DIA + .002 .000		FINISH	A082-91475-D000		MO51 - 00358 - A010
DATE 04/28/83					



72 PIN TEST CONNECTOR

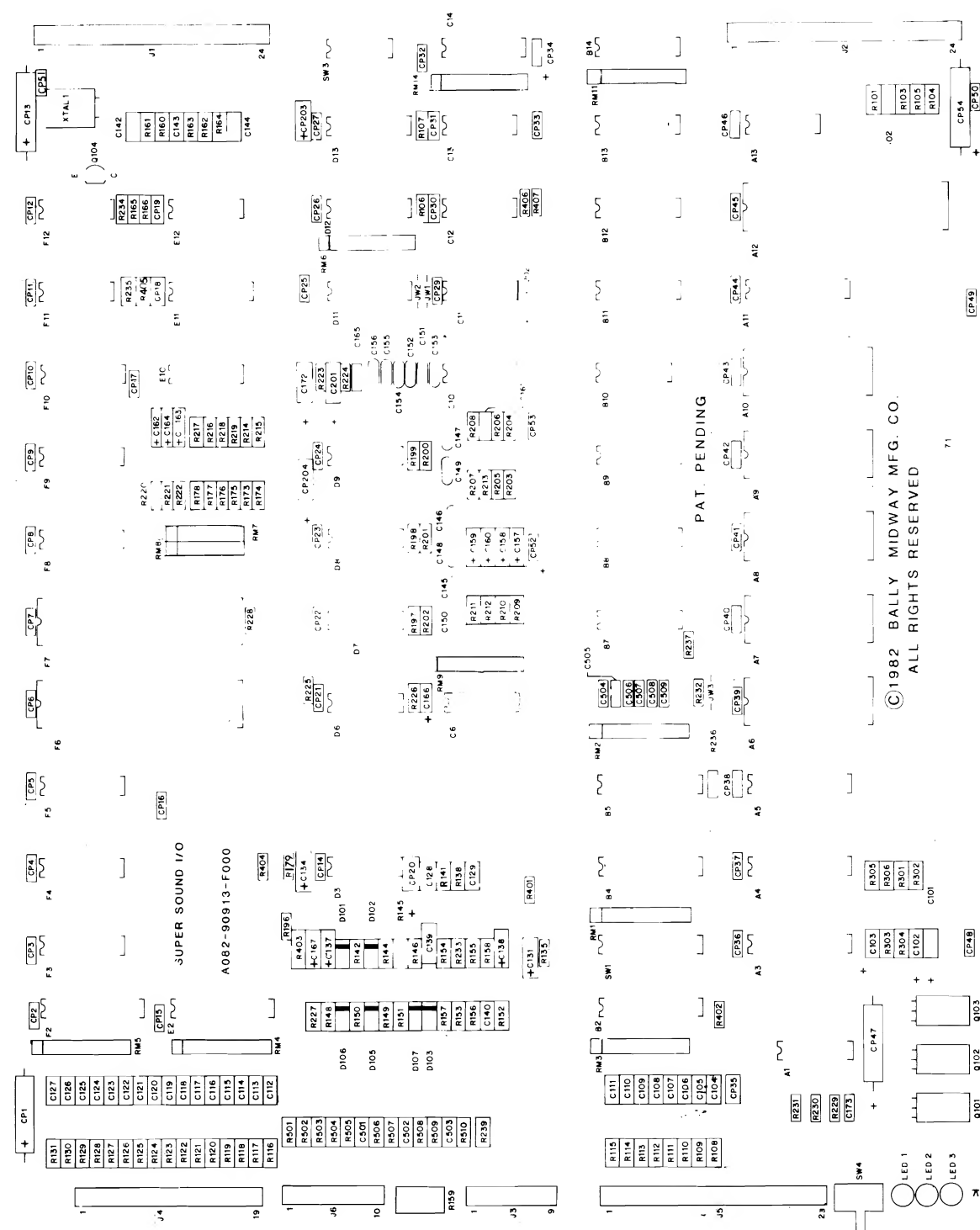
1 L GND	25 u0	49 u0	1 L GND	1 A GND	1 L GND	1 L GND	1 RED
2 +5V	26 u1	50 u1	2 L GND	2 A GND	2 L GND	2 L GND	2 L GND
3 L GND	27 u2	51 u2	3 L GND	3 A GND	3 L GND	3 L GND	3 L GND
4 +5V	28 u3	52 u3	4 +5V	4 A GND	4 +5V	4 L GND	4 L GND
5 +5V	29 u4	53 u4	5 +5V	5 A GND	5 +5V	5 L GND	5 L GND
6 N.U.	30 u5	54 u5	6 +5V	6 A GND	6 +5V	6 L GND	6 L GND
7 +5V	31 u6	55 u6	7 +5V	7 A GND	7 +5V	7 L GND	7 L GND
8 +5V	32 u7	56 u7	8 +5V	8 A GND	8 +5V	8 L GND	8 L GND
9 +5V	33 u8	57 u8	9 +5V	9 A GND	9 +5V	9 L GND	9 L GND
10 +5V	34 u9	58 u9	10 +5V	10 A GND	10 +5V	10 L GND	10 L GND
11 +5V	35 u10	59 u10	11 +5V	11 A GND	11 +5V	11 L GND	11 L GND
12 +5V	36 u11	60 u11	12 +5V	12 A GND	12 +5V	12 L GND	12 L GND
13 +5V	37 u12	61 u12	13 +5V	13 A GND	13 +5V	13 L GND	13 L GND
14 +5V	38 u13	62 u13	14 +5V	14 A GND	14 +5V	14 L GND	14 L GND
15 +5V	39 u14	63 u14	15 +5V	15 A GND	15 +5V	15 L GND	15 L GND
16 +5V	40 u15	64 u15	16 +5V	16 A GND	16 +5V	16 L GND	16 L GND
17 +5V	41 u16	65 u16	17 +5V	17 A GND	17 +5V	17 L GND	17 L GND
18 +5V	42 u17	66 u17	18 +5V	18 A GND	18 +5V	18 L GND	18 L GND
19 +5V	43 u18	67 u18	19 +5V	19 A GND	19 +5V	19 L GND	19 L GND
20 +5V	44 u19	68 u19	20 +5V	20 A GND	20 +5V	20 L GND	20 L GND
21 +5V	45 u20	69 u20	21 +5V	21 A GND	21 +5V	21 L GND	21 L GND
22 +5V	46 u21	70 u21	22 +5V	22 A GND	22 +5V	22 L GND	22 L GND
23 +5V	47 u22	71 u22	23 +5V	23 A GND	23 +5V	23 L GND	23 L GND
24 +5V	48 u23	72 u23	24 +5V	24 A GND	24 +5V	24 L GND	24 L GND

NOTES

A=ANALOG
E=EARH
L=LOGIC
N.U.=NOT USED

DESIGNATION LIST

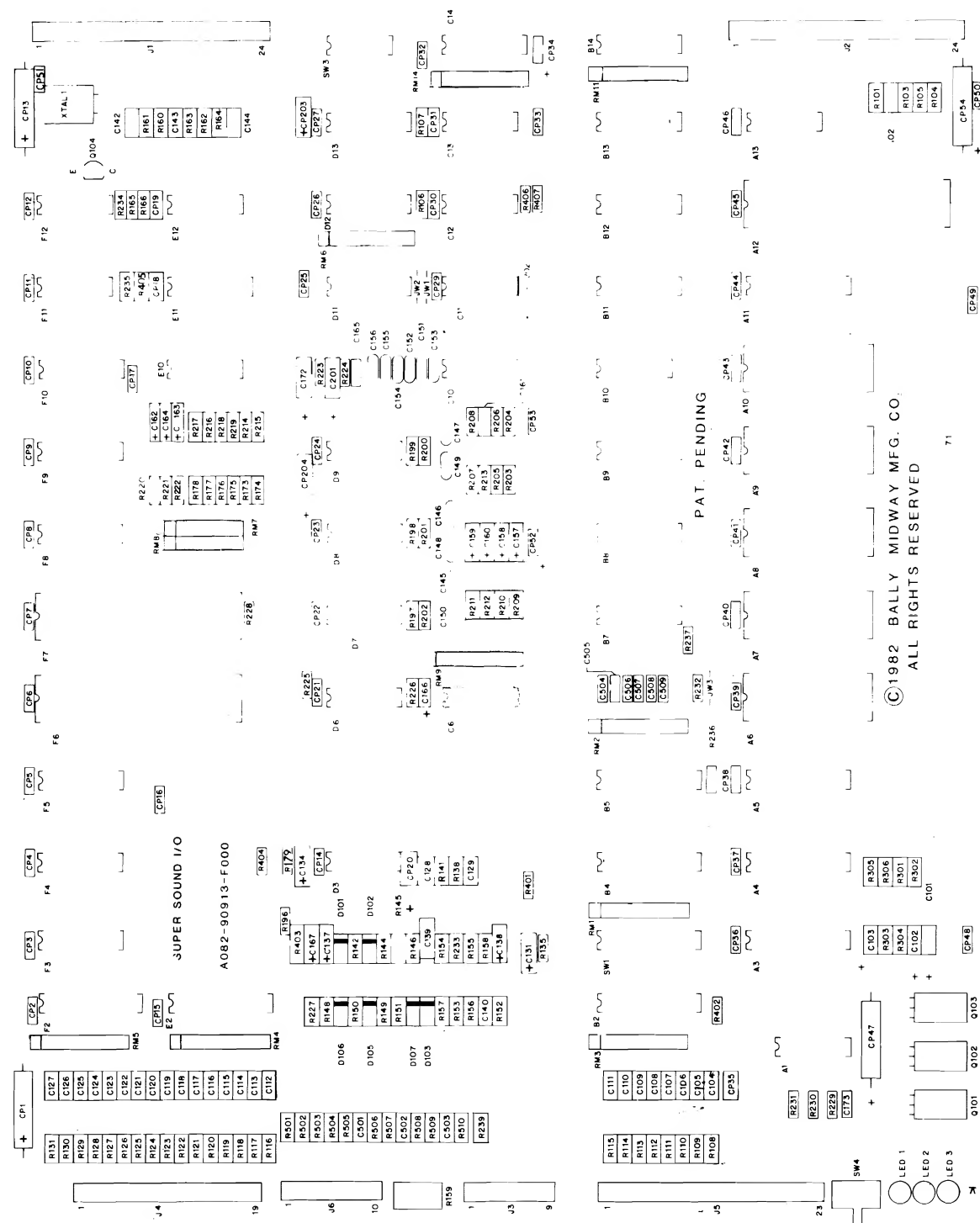
DESIGNATION NO.	DESCRIPTION	DESIGNATION NO.	DESCRIPTION	DESIGNATION NO.	DESCRIPTION
C101-C103	10 MF 25V AX. TANT.	R153	1K OHM 1/4W 5% CRBN.	D101-D103 D105-D107	1N4148 1N4148
C104-C127 C128 C131	.1 MF 50V AX. CER. 47 PF 50V AX. CER. 10 MF 25V AX. TANT.	R154 R155,R156	1MEG. OHM 1/4W 5% CRBN. 10K OHM 1/4W 5% CRBN.	Q101-Q103 Q104	T1P110 2N4403
C134,C137 C138	1 MF 20V AX. TANT. 10 MF 25V AX. TANT.	R157,R158 R160,R161	1.2K OHM 1/4W 5% CRBN. 330 OHM 1/4W 5% CRBN.	1CA1 1CA3,A4 1CA5 1CA6	7406 74LS273 74LS374 1K X 8 RAM
C139	.047 MF 100V MYLAR	R162	220 OHM 1/4W 5% CRBN.	1CA7 1CA8	ROM/EPROM 0 ROM/EPROM 1
C140	.01 MF 50V AX. CER.	R163	1.2K OHM 1/4W 5% CRBN.	1CA9 1C10	ROM/EPROM 2 ROM/EPROM 3
C142	100 PF 50V AX. CER.	R164	22 OHM 1/4W 5% CRBN.	1CA11 1CA12	74LS245 Z-80 CPU
C143 C144 C145-C156	.1 MF 50V AX. CER. 33 PF 50V AX. CER. .0022 MF 100V 10% MYLAR	R165,R166 R173-R178	4.7K OHM 1/4W 5% CRBN. 5.6K OHM 1/4W 5% CRBN.	1CA13 1CB2,B4,B5 1CB7,B8 1CB9	74LS08 74LS244 74LS138 74LS670
C157-C159 C161	1 MF 20V AX. TANT. 330 PF 50V AX. CER.	R179	24K OHM 1/4W 5% CRBN.	1CB10 1CB11	74LS32 74LS670
C162-C164 C165	1 MF 20V AX. TANT. 330 PF 50V AX. CER.	R196	24K OHM 1/4W 5% CRBN.	1CB12,B13 1CB14 1CC6	74LS138 74LS174 7407
C166,C167	10 MF 25V AX. TANT.	R197-R202	5.6K OHM 1/4W 5% CRBN.	1CC10 1CC11	MC3403 74LS04
C172	10 MF 25V AX. TANT.	R203-R208	33K OHM 1/4W 5% CRBN.	1CC12 1CC13	MC14024 7427
C173	.01 MF 50V AX. CER.	R209-R211	13K OHM 1/4W 5% CRBN.	1CC14 1CD3	74LS367 LM3900
C501-C509	.1 MF 50V AX. CER.	R213	27K OHM 1/4W 5% CRBN.	1CD6 1CD7-D9	74LS02 MC14016
CP1	470 MF 16V AX. ELECT.	R214-R219	33K OHM 1/4W 5% CRBN.	1CD11 1CD12	74190 PROMSB2A
CP2-CP12	.01 MF 50V AX. CER.	R220-R222	13K OHM 1/4W 5% CRBN.	1CD13 1CE2	74166 74LS244
CP13	470 MF 16V AX. ELECT.	R224	27K OHM 1/4W 5% CRBN.	1CE10 1CE11	MC3403 74161
CP14-CP19	.01 MF 50V AX. CER.	R225,R226	4.7K OHM 1/4W 5% CRBN.	1CE12 1CF2	74126 74LS244
CP20	10 MF 25V AX. TANT.	R227	1K OHM 1/4W 5% CRBN.	1CF3-F5 1CF6,F7	74LS191 74LS191
CP21-CP27	.01 MF 50V AX. CER.	R228	4.7K OHM 1/4W 5% CRBN.	1CF8-F10 1CF11	AY-3-8910 74LS191 7474
CP29-CP33	.01 MF 50V AX. CER.	R231	300 OHM 1/4W 5% CRBN.	1CF12 1CSA6-1CSA10	74S04 24 PIN IC SOCKET
CP34	10 MF 25V AX. TANT.	R232	4.7K OHM 1/4W 5% CRBN.	1CSA12 1CSD12	40 PIN IC SOCKET 16 PIN IC SOCKET
CP35-CP46	.01 MF 50V AX. CER.	R233	3K OHM 1/4W 5% CRBN.	1CSF6,F7 J1,J2	40 PIN IC SOCKET 24 PIN KK100 RT. ANGLE
CP47	470 MF 16V AX. ELECT.	R234,R235	4.7K OHM 1/4W 5% CRBN.	J3	9 PIN KK100 RT. ANGLE OMIT 4
CP48-CP51	.01 MF 50V AX. CER.	R239	100 OHM 1/4W 5% CRBN.	J4	19 PIN KK100 RT. ANGLE OMIT 14
CP52,CP53	10 MF 25V AX. TANT.	R301-R306	2.7K OHM 1/4W 5% CRBN.	J5	23 PIN KK100 RT. ANGLE OMIT 19
CP54	470 MF 16V AX. ELECT.	R401	1K OHM 1/4W 5% CRBN.	J6	10 PIN KK100 RT. ANGLE OMIT 8
CP202-CP204	10 MF 25V AX. TANT.	R402	4.7K OHM 1/4W 5% CRBN.	JW1,JW2	JUMPER WIRE
R101-R107	4.7K OHM 1/4W 5% CRBN.	R403,R404	33K OHM 1/4W 5% CRBN.	LED 3	YELLOW LED
R108-R131	220 OHM 1/4W 5% CRBN.	R405-R407	4.7K OHM 1/4W 5% CRBN.	SW1 SW3 SW4	10 POSITION DIP 8 POSITION DIP PUSHBUTTON S.W.
R135	33K OHM 1/4W 5% CRBN.	R501-R509	220 OHM 1/4W 5% CRBN.	XTAL 1	16 MHZ XTAL
R138,R141	180K OHM 1/4W 5% CRBN.	R510	2.7K OHM 1/4W 5% CRBN.	MHQ101-MHQ103	SNAP
R142	100K OHM 1/4W 5% CRBN.	RM1	4.7K OHM 10 PIN S.I.P.	A080-90913-F000	SUPER SND. I/O BD.
R144,R145	620K OHM 1/4W 5% CRBN.	RM2-RM5	2.7K OHM 10 PIN S.I.P.		
R146	10K OHM 1/4W 5% CRBN.	RM7	4.7K OHM 8 PIN S.I.P.		
R148	100K OHM 1/4W 5% CRBN.	RM8	820 OHM 8 PIN S.I.P.		
R149,R150	620K OHM 1/4W 5% CRBN.	RM9	1.8K OHM 10 PIN S.I.P.		
R151	10K OHM 1/4W 5% CRBN.	RM14	4.7K OHM 10 PIN S.I.P.		
R152	1MEG. OHM 1/4W 5% CRBN.				



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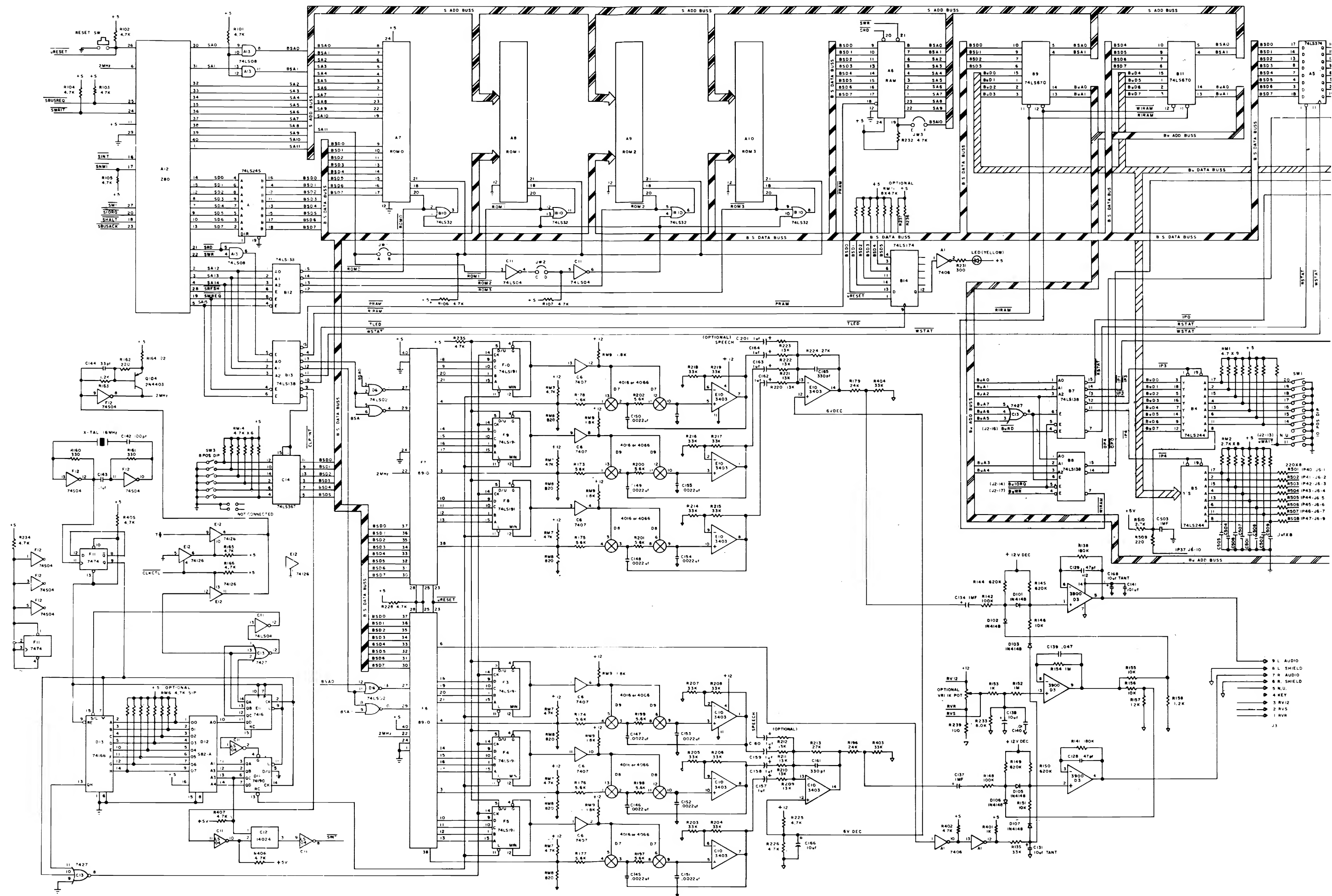
DESCRIPTION
33 PF 50V 5% AX. CER.
47 PF 50V AX. CER.
100 PF 50V 5% AX. CER.
330 PF 50V AX. CER.
.0022 MF 100V 10% MYLAR
.047 MF 100V MYLAR
.01 MF 50V AX. CER.
.1 MF 50V AX. CER.
1 MF 20V AX. TANT.
10 MF 25V AX. TANT.
470 MF 16V AX. ELECT.
22 OHM 1/4W 5% CRBN.
100 OHM 1/4W 5% CRBN.
220 OHM 1/4W 5% CRBN.
300 OHM 1/4W 5% CRBN.
330 OHM 1/4W 5% CRBN.
1K OHM 1/4W 5% CRBN.
1.2K OHM 1/4W 5% CRBN.
2.7K OHM 1/4W 5% CRBN.
3K OHM 1/4W 5% CRBN.
4.7K OHM 1/4W 5% CRBN.
5.6K OHM 1/4W 5% CRBN.
10K OHM 1/4W 5% CRBN.
13K OHM 1/4W 5% CRBN.
24K OHM 1/4W 5% CRBN.
27K OHM 1/4W 5% CRBN.
33K OHM 1/4W 5% CRBN.
100K OHM 1/4W 5% CRBN.
180K OHM 1/4W 5% CRBN.
620K OHM 1/4W 5% CRBN.
1 MEG. OHM 1/4W 5% CRBN.
820 OHM 8 PIN S.I.P.
1.8K OHM 10 PIN S.I.P.
2.7K OHM 10 PIN S.I.P.
4.7K OHM 8 PIN S.I.P.
4.7K OHM 10 PIN S.I.P.

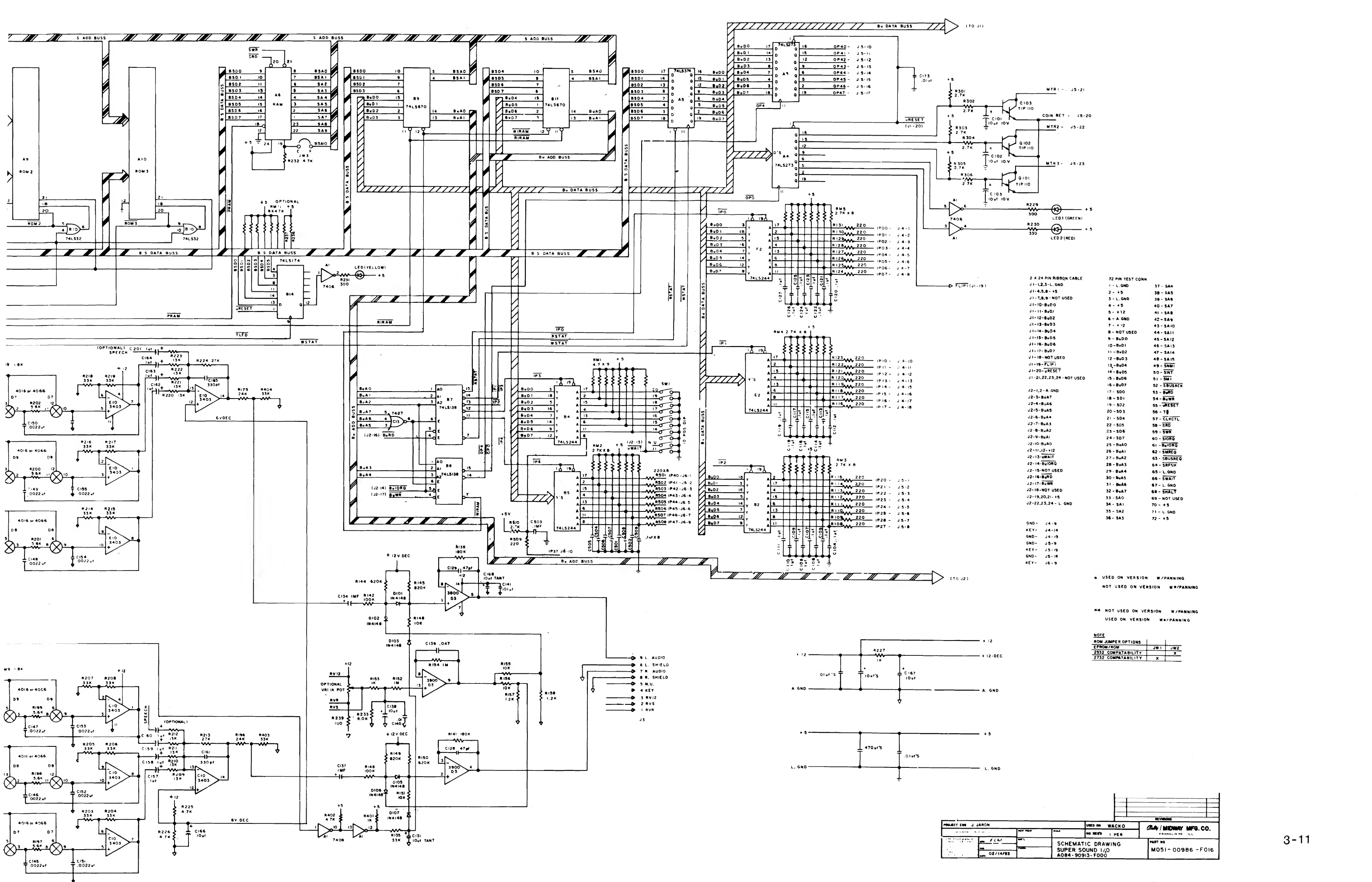
. I/O BD.



DESCRIPTION	QTY	DESIGNATION NO.	PART NOS.	DESCRIPTION	QTY	DESIGNATION NO.	PART NOS.
33 PF 50V 5% AX. CER.	1	C144	0986-00800-0900	1N4148	6	D101-D103,D105-D107	0986-00801-0200
47 PF 50V AX. CER.	1	C128	0986-00800-2800				
100 PF 50V 5% AX. CER.	1	C142	0986-00800-1000	2N4403 T1P110	1 3	Q104 Q101-Q103	0986-00802-0500 0986-00802-0400
330 PF 50V AX. CER.	2	C161,C165	0986-00800-1300	74LS02 74LS04	1 1	ICD6 ICC11	0986-00803-7400 0986-00803-6900
.0022 MF 100V 10% MYLAR	12	C145-C156	0986-00800-1200	74S04 7406	1 1	ICF12 ICA1	0986-00803-6600 0986-00803-7600
.047 MF 100V MYLAR	1	C139	0986-00800-2600	7407	1	ICC6	0986-00803-5900
.01 MF 50V AX. CER.	47	CP2-CP12,CP14-CP19,CP21-CP27,CP29-CP33,CP35-CP46,CP48-CP51,C140,C173	0986-00800-2000	74LS08 7427 74LS32 7474 74126	1 1 1 1 1	ICA13 ICC13 ICB10 ICF11 ICE12	0986-00803-7300 0986-00803-7200 0986-00803-6100 0986-00803-6700 0986-00803-6800
.1 MF 50V AX. CER.	34	C104-C127,C143,C501-C509	0986-00800-1100	74LS138	4	ICB7,B8,B12,B13	0986-00803-6500
1 MF 20V AX. TANT.	8	C134,C137,C157-C159,C162-C164	0986-00800-1400	74161 74166	1 1	ICE11 ICD13	0986-00803-5100 0986-00803-5300
10 MF 25V AX. TANT.	14	CP20,CP34,CP52,CP53,CP202-CP204,C101-C103,C131,C138,C166,C167,C172	0986-00800-0700	74LS174 74190 74LS191	1 1 6	ICB14 ICD11 ICF3-F5,F8-F10	0986-00803-7500 0986-00803-9400 0986-00803-5600
470 MF 16V AX. ELECT.	4	CP1,CP13,CP47,CP54	0986-00800-2700	74LS244 74LS245 74LS273 74LS367 74LS374 74LS670 AY-3-8910 LM3900	5 1 2 1 1 2 2 1	ICB2,B4,B5,E2,F2 ICA11 ICA3,A4 ICC14 ICA5 ICB9,B11 ICF6,F7 ICD3	0986-00803-4800 0986-00803-6400 0986-00803-4700 0986-00803-7000 0986-00803-4600 0986-00803-6300 0986-00803-8500 0986-00803-4900
22 OHM 1/4W 5% CRBN.	1	R164	0062-063B3-1XXX	MC3403 MC14016 MC14024 PROMSB2-A	2 3 1 1	ICC10,E10 ICD7-D9 ICC12 ICD12	0986-00803-5000 0986-00803-6200 0986-00803-7100 0986-00803-8200
100 OHM 1/4W 5% CRBN.	1	R239	0062-110B3-1XXX	RAM 1K X 8 ROM/EPROM 0 ROM/EPROM 1 ROM/EPROM 2 ROM/EPROM 3 Z-80(3880)	1 1 1 1 1 1	ICA6 ICA7 ICA8 ICA9 ICA10 ICA12	0986-00803-8000 0358-00803-0005 0986-00803-5500
220 OHM 1/4W 5% CRBN.	34	R108-R131,R162,R501-R509	0062-133B3-1XXX	16 PIN IC SOCKET 24 PIN IC SOCKET 40 PIN IC SOCKET	1 5 3	ICSD12 ICSA6-ICSA10 ICSA12,ICSF6,ICSF7	0986-00804-1400 0986-00804-1600 0986-00804-1500
300 OHM 1/4W 5% CRBN.	1	R231	0062-141B3-1XXX	9 PIN KK 100 RT. ANGLE OMIT 4 10 PIN KK 100 RT. ANGLE OMIT 8 19 PIN KK 100 RT. ANGLE OMIT 14 23 PIN KK 100 RT. ANGLE OMIT 19 24 PIN KK 100 RT. ANGLE	1 1 1 1 1 1 1 2	J3 J6 J4 J5 J1,J2	3000-16366-0901 3000-16366-1001 3000-16366-1901 3000-16366-2301 0986-00804-4700
330 OHM 1/4W 5% CRBN.	2	R160,R161	0062-144B3-1XXX	JUMPER WIRE	2	JW1,JW2	0986-00804-4000
1K OHM 1/4W 5% CRBN.	3	R153,R227,R401	0062-179B3-1XXX	YELLOW LED	1	LED 3	0986-00804-2000
1.2K OHM 1/4W 5% CRBN.	3	R157,R158,R163	0062-183B3-1XXX	8 POSITION DIP SW. 10 POSITION DIP SW. PB SWITCH	1 1 1	SW3 SW1 SW4	0986-00805-0900 0986-00805-1000 0986-00804-1700
2.7K OHM 1/4W 5% CRBN.	7	R301-R306,R510	0062-199B3-1XXX	16 MHZ XTAL W/3RD LEAD	1	XTAL 1	0986-00805-1100
3K OHM 1/4W 5% CRBN.	1	R233	0062-201B3-1XXX				
4.7K OHM 1/4W 5% CRBN.	19	R101-R107,R165,R166,R225,R226,R228,R232,R234,R235,R402,R405-R407	0062-211B3-1XXX				
5.6K OHM 1/4W 5% CRBN.	12	R173-R178,R197-R202	0062-215B3-1XXX				
10K OHM 1/4W 5% CRBN.	4	R146,R151,R155,R156	0062-227B3-1XXX				
13K OHM 1/4W 5% CRBN.	6	R209-R211,R220-R222	0062-233B3-1XXX				
24K OHM 1/4W 5% CRBN.	2	R179,R196	0062-245B3-1XXX				
27K OHM 1/4W 5% CRBN.	2	R213,R224	0062-247B3-1XXX				
33K OHM 1/4W 5% CRBN.	15	R135,R203-R208,R214-R219,R403,R404	0062-251B3-1XXX				
100K OHM 1/4W 5% CRBN.	2	R142,R148	0062-275B3-1XXX				
180K OHM 1/4W 5% CRBN.	2	R138,R141	0062-287B3-1XXX				
620K OHM 1/4W 5% CRBN.	4	R144,R145,R149,R150	0062-313B3-1XXX				
1 MEG. OHM 1/4W 5% CRBN.	2	R152,R154	0062-323B3-1XXX				
820 OHM 8 PIN S.I.P.	1	RM8	0986-00805-0800	SNAPS	3	MHQ101-MHQ103	0017-00007-0134
1.8K OHM 10 PIN S.I.P.	1	RM9	0986-00805-0600	SUPER SND. I/O BD.	1		A080-90913-F000
2.7K OHM 10 PIN S.I.P.	4	RM2-RM5	0986-00805-0500				
4.7K OHM 8 PIN S.I.P.	1	RM7	0986-00805-0400				
4.7K OHM 10 PIN S.I.P.	2	RM1,RM14	0986-00805-0300				

PROJECT ENG: C. MEDNICK			USED ON JOURNEY		Baby / MIDWAY MFG. CO. FRANKLIN PK ILL
DO NOT SCALE DWG		HEAT TREAT	SCALE	FULL NO REQ'D 1 PER	
DIM. TOLERANCES (UNLESS SPECIFIED)		DWN. <i>1B6</i>	MAT'L.	SUPER SOUND 1/0 BD. ASSEMBLY DWG. A082 - 90913 - F000	
1/4" = 1" UNLESS OTHERWISE SPECIFIED DIMENSIONS IN PARETHESISES ARE PREFERRED 1/16" DIA. ± .002 .000 DATE 05/05/83		CED.	FINISH		
					PART NO. M051 - 00358 - A012





DESIGNATION LIST

DESIGNATION * DESCRIPTION

R117 560ohm 1/4W 5%
R118 150ohm 2W
R201 270ohm 1/4W 5%
R202 1.2K 1/4W 5%
R203 1.1M 1/4W 5%
R204 3.3M 1/4W 5%
R205 10M 1/4W 5%
R206 100K 1/4W 5%
R207 33K 1/4W 5%
R208 2M 1/4W 5%
R209 1M 1/4W 5%
R210 1.2M 1/4W 5%
R211 75K 1/4W 5%
R212 75K 1/4W 5%
R213 220K 1/4W 5%
R214 3.9K 1/4W 5%
R215 1.2K 1/4W 5%
R216 82ohm 1W 10%
R217 270ohm 1/4W 5%
R218 110K 1/4W 5%
R219 68ohm 1/2W 5%

VR101,102 100ohm POT

D101 A15F
D102 A15F
D103 A15F
D104 A15F
D105 A15F
D106 1N4001
D201 1N4148
D202 1N4148
D203 1N4148
D204 1N4001
D205 1N4001

Q102 2N2905
Q105 2N2905
Q201 2N4401

U1 LM305 REG
U2 LM305 REG
U3 LM3900
U4 4N28
U6 555

L101 22uH INDUCTOR

B101 BATTERY 3.6VDC 60DEG C

F1 3 BA S-BLO FUSE

FC1A,1B FUSE CLIP

FB1,2 FERRITE BEAD

TW1 TIE WRAP

J3 9PIN P.C. MOUNT CONN (MALE)
J4 15PIN P.C. MOUNT CONN (FEMALE)
J5 15PIN P.C. MOUNT CONN (MALE)
J6 3PIN P.C. MOUNT CONN (MALE)

LB1 FUSE TAG

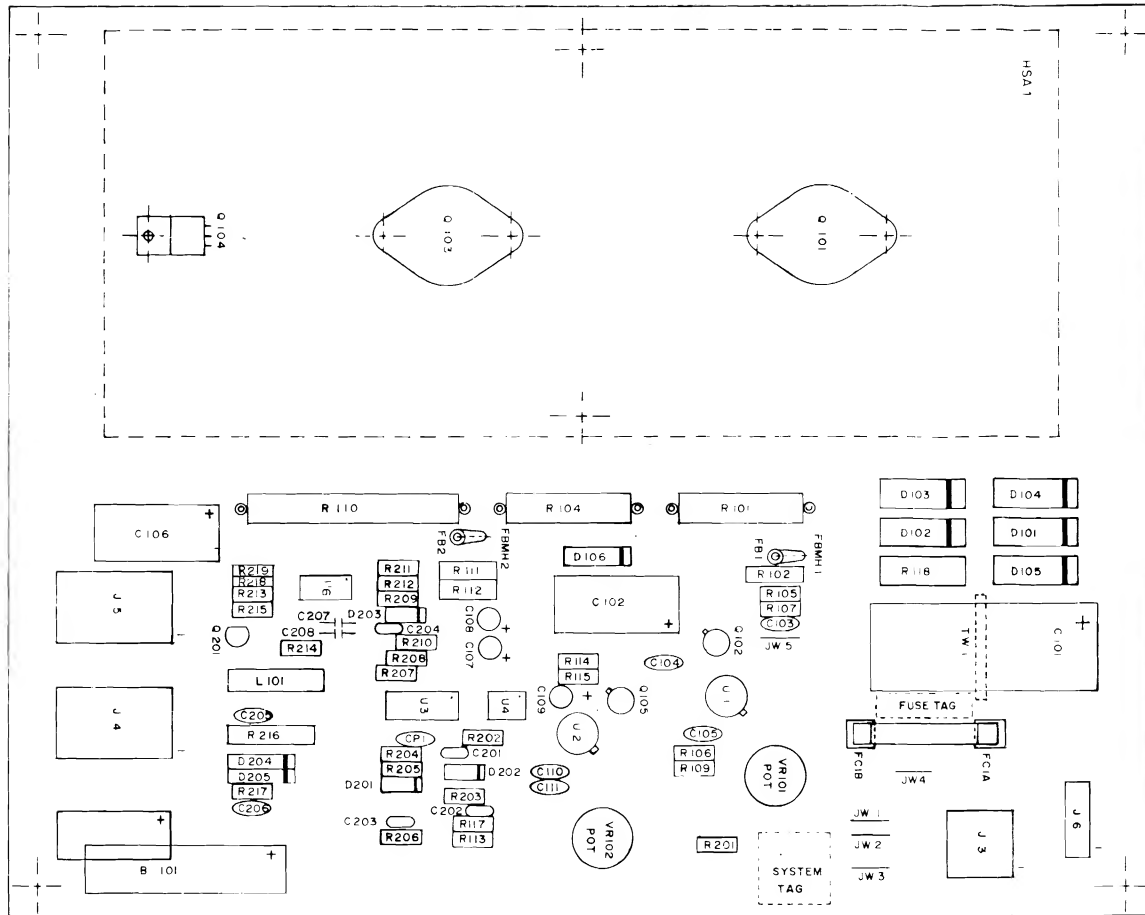
LB2 SYSTEM TAG

HSA1 HEAT SINK ASS'Y 1

MHSA1 MOUNTING HARDWARE (HEAT SINK)
2 SCREW
4 WASHER
2 HEXNUT

JW1-5 JUMPER WIRE

FBMH1,2 FERRITE BEAD MOUNTING HARDWARE



PROJ. ENG. L. DEKKER		MIDWAY MFG. CO.	
DO NOT SCALE DRG	FRANKLIN PARK, ILL.	FULL	NO REDD. I.P.E.R.
DATE: 5/14/82	BY: SBL	ASSEMBLY DRAWING 125VAPWRSFY	
5/14/82		A082-90412-D000	
		M051-00945-D006	

CROSS REFERENCE LIST

DESCRIPTION	Q'ty	DESIGNATION *	PART #
47pF AX. CER.	1	C105	0945-00811-0100
820pF AX. CER.	1	C205	0945-00816-0400
01uF AX. CER.	2	C206,208	0945-00816-0100
01uF MYLAR	2	C201,203	0945-00816-0200
033uF MYLAR	1	C202	0945-00816-0500
047uF MYLAR	1	C204	0945-00816-0300
0.082uF AX. CER.	1	C207	0945-00816-1900
1uF AX. CER.	5	C103,104,106,111,112,119	0945-00811-0200
1uF RAD. TANT.	1	CP1	0945-00811-0300
4.7uF RAD. TANT.	1	C108	0945-00811-0400
100uF RAD. TANT.	1	C109	0945-00811-0500
470uF AX. ELECT.	2	C102,106	0945-00816-0600
470uF AX. ELECT.	1	C101	0945-00811-0700

16ohm 15W 5%	1	R110	0945-00815-0100
18ohm 5W 5%	1	R101	0945-00815-0200
6.8ohm 1/2W 5%	1	R111	0062-047D3-1XXX
10ohm 5W 5%	1	R104	0945-00812-0100
27ohm 1/4W 5%	1	R105	0062-068B3-1XXX
47ohm 1/4W 5%	1	R114	0062-086B3-1XXX
68ohm 1/2W 5%	3	R102,112,219	0062-098D3-1XXX
82ohm 1W 10%	1	R216	0062-104F5-1XXX
150ohm 2W 5%	1	R118	0945-00812-0200
160ohm 1/4W 5%	1	R115	0062-124B3-1XXX
270ohm 1/4W 5%	3	R106,201,217	0062-138B3-1XXX
560ohm 1/4W 5%	1	R117	0062-162B3-1XXX
1K 1/4W 5%	1	R109	0062-179B3-1XXX
1.2K 1/4W 5%	3	R113,202,215	0062-183B3-1XXX
3.9K 1/4W 5%	1	R214	0062-207B3-1XXX
6.2K 1/4W 5%	1	R107	0062-217B3-1XXX
33K 1/4W 5%	1	R207	0062-251B3-1XXX
75K 1/4W 5%	2	R211,212	0062-269B3-1XXX
100K 1/4W 5%	1	R206	0062-275B3-1XXX
110K 1/4W 5%	1	R218	0062-277B3-1XXX
220K 1/4W 5%	1	R213	0062-291B3-1XXX
1M 1/4W 5%	1	R209	0062-323B3-1XXX
1.1M 1/4W 5%	1	R203	0062-325B3-1XXX
1.2M 1/4W 5%	1	R210	0062-327B3-1XXX
2M 1/4W 5%	1	R208	0062-337B3-1XXX
3.3M 1/4W 5%	1	R204	0062-347B3-1XXX
10M 1/4W 5%	1	R205	0062-371B3-1XXX

100ohm POT	2	VR101,102	0945-00814-0000
LM305 REG	2	U1,2	0945-00813-0100
555	1	U6	0929-00810-4500
LM3900	1	U3	0945-00813-0200
4N28	1	U4	0945-00813-0300

A15F RECTIFIER	5	D101-105	0945-00804-0200
1N4001	3	D106,204,205	0945-00804-0300
1N4148	3	D201-203	0945-00804-0500

2N2905	2	Q102,105	0945-00808-0300
2N4401	1	Q201	0945-00804-0400

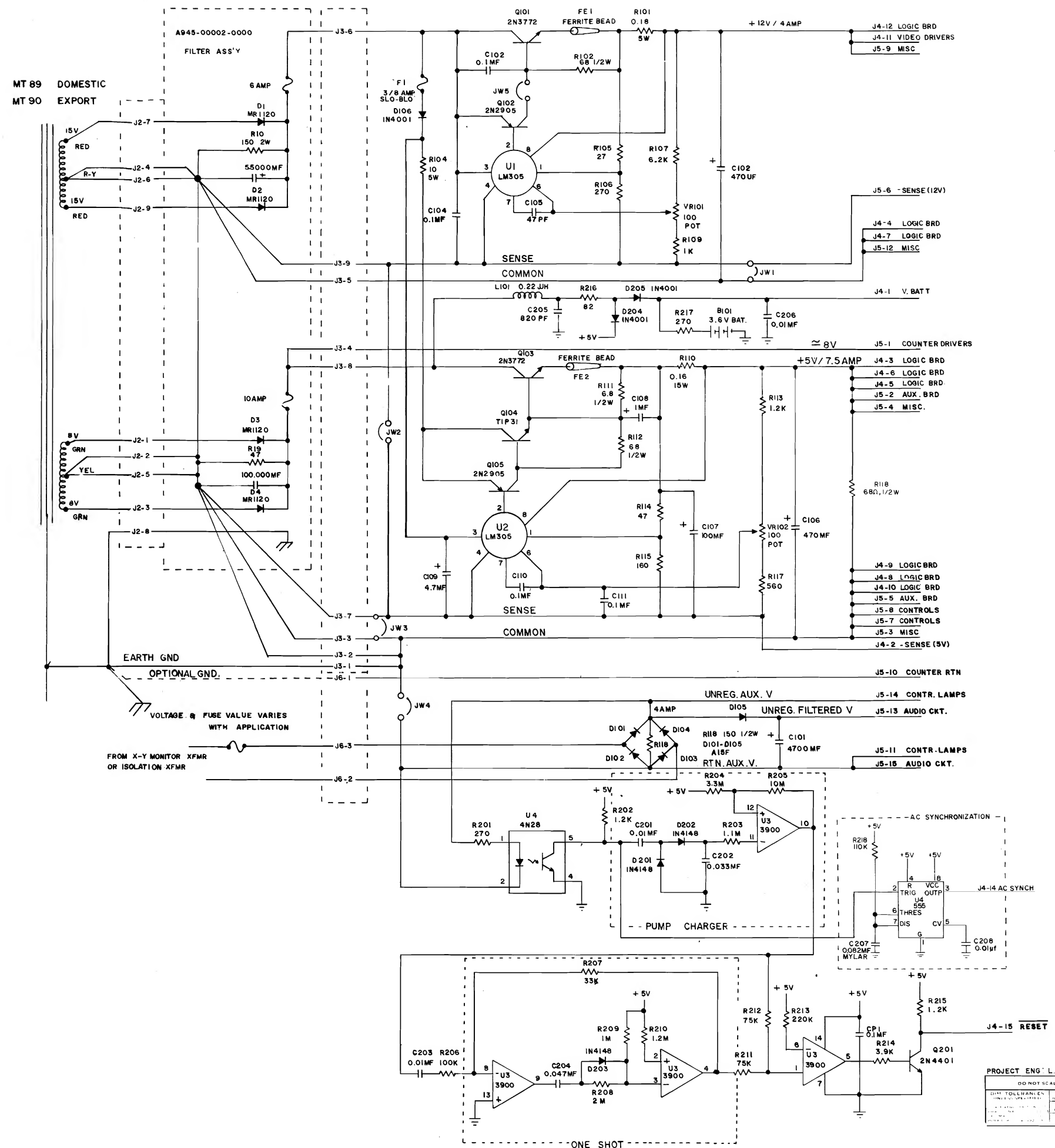
BATTERY 3.6VDC 60DEG-C	1	B101	0017-00003-0377
FUSE 3/8A S-BLO	1	F1	0945-00808-0400
FUSE CLIP	2	FC1A,1B	0017-00003-0214
TIE WRAP	1	TW1	0945-00814-0300
FERRITE BEAD	2	FB1,2	0017-00009-0225
FERRITE MOUNTING HDW	2	FBMH1,2	0017-00033-0139

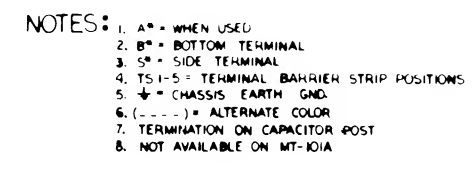
22uH INDUCTOR	1	L101	0945-00814-0200
FUSE TAG	1		M051-00945-A004
SYSTEM TAG	1		M051-00945-A009
P.C.B.	1		A080-90412-0000

HEAT SINK ASS'Y (SEE HS ASS'Y DRAWING "**NOTE")	1	HSA1	A945-00008-0000
4-40X10 SLT RND	2	MHSA1A,2A	0017-00101-00727
4-40 HEX NUT	2	MHSA1E,2E	0017-00103-0002
WSH 4-120-250-018	4	MHSA1B,1D	0017-00104-0071
		MHSA2B,2D	

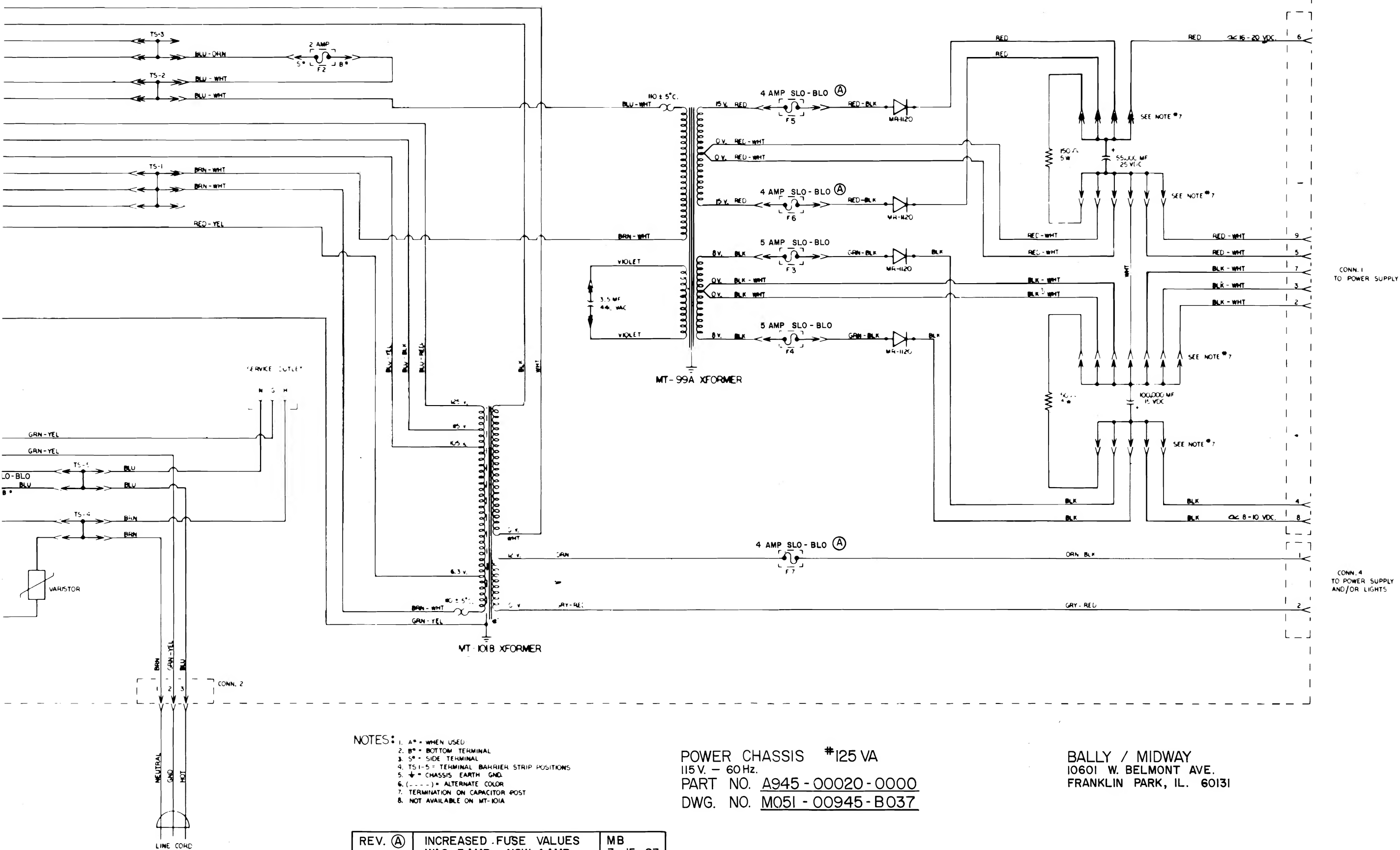
3PIN P.C. MOUNT CONN (MALE)	1	J6	0017-00021-0443
9PIN P.C. MOUNT CONN (MALE)	1	J3	0017-00021-0425
15PIN P.C. MOUNT CONN (FEMALE)	1	J4	0017-00021-0441
15PIN P.C. MOUNT CONN (MALE)	1	J5	0017-00021-0440

22AWG T&R BARE 2.5"	5	JW1-5	0151-00087-0000
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REV. (A)	INCREASED FUSE VALUES WAS 3 AMP - NOW 4 AMP ADDED PART NO. (UL)	MB 3-15-83
REV. (B)	INCREASED FUSE VALUE WAS 3AMP - NOW 4AMP	MB 3-24-83



POWER CHASSIS #125 VA
115 V. - 60 HZ.
PART NO. A945-00020-0000
DWG. NO. M051-00945-B037

BALLY / MIDWAY
10601 W. BELMONT AVE.
FRANKLIN PARK, IL. 60131

REV. (A)	INCREASED FUSE VALUES WAS 3 AMP - NOW 4 AMP ADDED PART NO. (UL)	MB 3-15-83
REV. (B)	INCREASED FUSE VALUE WAS 3 AMP - NOW 4 AMP	MB 3-24-83

JOURNEY OPTION SWITCH SETTINGS										
SWITCH NO. 1 - AT B 3 - LOCATED ON SOUND I/O P.C. BOARD										
DURING GAME PLAY:	SW#1	SW#2	SW#3	SW#4	SW#5	SW#6	SW#7	SW#8	SW#9	SW#10
	NOT NOT NOT NOT NOT NOT USEDUSEDUSEDUSEDUSEDUSED									
1 COIN METER	ON									
** 2 COIN METERS	OFF									
UPRIGHT/MINI COCKTAIL TABLE	ON OFF									
** GAME MAY BE CONTINUED FOR ADDITIONAL COINS	ON									
GAME MAY NOT BE CONTINUED	OFF									
FREEZE VIDEO	ON									
** NORMAL OPERATION	OFF									
SWITCH NO. 3 - AT D 14 - LOCATED ON SOUND I/O P.C. BOARD										
** NORMAL OPERATION SOUND I/O DIAGNOSTIC MODE	SW#1	SW#2	SW#3	SW#4						
	OFF									
** NORMAL OPERATION RAM/ROM TEST					OFF					
INDICATES TEST RESULTS VIA YELLOW LED ON SOUND I/O BOARD: FAST FLASH = BAD ROM SLOW FLASH = BAD RAM					ON					
** NORMAL OPERATION OSCILLATOR TEST					OFF ON					
** NORMAL OPERATION FILTER TEST					OFF ON					
* NO EFFECT IF SW#1 OF SWITCH NO. 3 IS IN THE "OFF" POSITION. ** FACTORY RECOMMENDED SETTINGS.									PART NO. M051-00358-A007	

THE REMAINDER OF YOUR NEW GAME'S MOST COMMON OPTION SETTINGS ARE CONDUCTED DURING THE **MACHINE SETUP** PORTION OF THE SELF-TEST MODE AND WILL BE COVERED IN DETAIL IN THAT SECTION OF YOUR MANUAL.

